SAFETY EDUCATION

A MAGAZINE FOR TEACHERS AND ADMINISTRATORS

OCTOBER, 1961

Two Sections • Section One

THE 17th ANNUAL NATIONAL SCHOOL SAFETY HONOR ROLL

page 21

IN CASE OF FIRE page 14

BUSMAN'S HOLIDAY page 16

BLOCK THAT KICK

page 6

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SAFETY EDUCATION

A MAGAZINE FOR TEACHERS AND ADMINISTRATORS

Volume XLI No. 2 October, 1961

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CHARTERED BY THE CONGRESS OF THE UNITED STATES

Editorial

False Alarm?

IT probably won't happen to you.

If you're reading this magazine, chances are that you know about fire prevention, probably practice it, maybe even teach it. No doubt, you're a fairly fireproof person.

Lots of people aren't. Last year, more than 7,000 individuals lost their lives in fires. Many of them were school-age children, burned to death in their homes. Property loss from 3,800 school and college fires was more than $20 million.

"How can the school help put out home fires?" Fire prevention authorities and elementary educators give their suggestions on page 46 of this issue. And for a discussion of college residence fires, and the strange misconceptions surrounding the dormitory fire drill, see "In Case Of Fire," page 14.

Fireproofing people and places must be a major project for safety educators. Since Fire Prevention Week comes this month, we thought we'd mention it.

Mail Box

Seat Belts

Milwaukee, Wis.—We recently read the "Teenage Driving" (Senior High Safety Lesson) published in the April issue of SAFETY EDUCATION. The underlying principle of safe packaging of human beings in automobiles is handled excellently. However, we question the validity of applying statistics resulting from research on completely restrained humans to automotive applications.

Specifically we believe the following comments are in order:

1. Customary automotive lap belt protection can be expected to restrain a person in a crash of approximately 25 G's without serious injury from the belt. Not 50 to 150 G's as stated.

2. The one-half foot stopping distance for Tom's 40 m.p.h. crash is an unrealistic figure. Normal metal collapse for such a crash will be about three feet and may result in a survivable crash.

3. High grade automotive belts meeting the 5,000# G.S.A. specification can be expected to function without failure in most survivable crashes. This limits the G factor to the 5,000# restraining force divided by the person's body weight.

For example $\frac{5{,}000\#\ \text{belt}}{200\#\ \text{person}} = 25$ G's.

This may be somewhat increased by partial failure of the belt anchorage and some elongation in the belt fabric.

J. A. Churchill
Supervisor, Safety Engineering
Allis-Chalmers Manufacturing Co.

In answer, Vincent McGuire, professor of education and author of the SE high school safety lessons, writes:

Gainesville, Fla.—I shall attempt to react specifically to each of your comments:

1. The lesson reads: "the human body can sustain tremendous forces of from 0 to 150 G's without serious injury—*if* the force is distributed properly and *if* the duration of this force is not too great." This information was taken directly from a joint report of the Ford Motor Co. and the Director of Automobile Injury Research at Cornell Medical College.

2. Whether or not a one-half foot stopping distance for Tom's car is realistic, I don't know. The main idea of the lesson was to get over the importance of safety belts to help prevent injury when many G's are exerted, and to show how just a bit more stopping distance would sharply decrease the G's exerted.

3. Your explanation concerning high grade automotive seat belts is most welcome. I should be happy to receive any additional data on the ability of certain belt fabrics to withstand strain.

Vincent McGuire
Professor of Education, University of Fla.

What's All This About Ethyl?

by George Stewart

WHAT'S all this about Ethyl . . . she's probably one of the most controversial figures in our society.

People have difficulty talking about her without becoming emotional. Numerous attempts have been made on her life, but without success. And although she's governed by more rules and regulations than most other females, she is a very popular girl.

Who is Ethyl? Her full name is Ethyl Alcohol. She is the active ingredient in beer, wine, whiskey, and other beverage alcohol drinks.

Why safety educators should be concerned with Ethyl is quite obvious. She has been accused of being a major contributor in as much as 50 per cent of our fatal auto accidents, yet most drivers do not have the facts about the way she behaves. Ethyl has also been named as the culprit in many of our home and industrial accidents. Safety education has become "big business." The realization that the price of having "accidents" is reflected in increased costs, and waste of valuable human and material resources has made education essential.

How does Ethyl fit into the accident picture?

George Stewart is Education Director of the Michigan State Board of Alcoholism.

The depressing effect of Ethyl first acts on that part of the central nervous system which controls judgment and inhibitions. As the alcohol concentration in the body increases, there is a progressive effect on vision, coordination, balance, speech and, finally, even on the fundamental processes, such as respiration.

In order to get a better picture of the relationship between Ethyl and safety education, let us relate specifically to the area of driver education.

It is generally agreed that driver education students should be given instruction in basic manipulative skills, some insight into the traffic problem, and a definite understanding of the laws. Also, they ought to be aware of the reasons we have laws regulating traffic and, finally, of the importance of physical and emotional problems as they relate to driving.

It is apparent that each of the areas constitutes a very important part in the development of drivers who will use our highways in a safe, efficient manner. Of what value is all the effort in these areas of instruction if the student does not understand how Ethyl can affect his driving; if by using her he negates the very things we've been trying to develop.

The sale of alcoholic beverages to adults is legal in every state in the Union except Mississippi, but it is apparent that the "legal" age limit placed on alcoholic beverages does not preclude consumption of these beverages by young people who have not attained the age required.

All states require that alcohol education be taught in public schools, but it has been very difficult for a teacher to receive objective training and preparation for this teaching. Consequently, much alcohol education is based on personal bias. There is also a great deal of misinformation and myth circulated about Ethyl. Regardless of one's personal stand on the drinking question, it is important to be able to separate fact from fiction.

In a survey conducted with recent high school graduates, some interesting and highly significant findings in relation to knowledge and attitudes about alcohol were revealed. Although all of the graduates surveyed had some alcohol education in school, most of them were able to answer correctly only six of the 12 questions pertinent to elementary information about alcohol.

Of the young people queried, 59 per cent admitted drinking to some degree, even though they had not attained "legal" drinking age. Another interesting result of this survey was that 68 per cent of the graduates commented that they had been subjected to a "psychology of fear" approach in their alcohol education.

This writer feels that the hope for a better understanding of this problem and a realistic approach to its solution rests with our young drivers. The development of our driver education programs has shown very dramatically that our young drivers can and will develop mature attitudes and a keen sense of responsibility. Most driver education instructors will agree that

The Facts About Ethyl

It is not common knowledge that the *average* drink of beer contains just as much Ethyl alcohol as the *average* drink of wine or whiskey. Ethyl's effect on the behavior of most people, measured in terms of concentration of alcohol in the blood, and in bottles of beer consumed, is listed below:

Damp & Doubtful
Blood alcohol concentration: .02
Drinks consumed: one bottle of beer

Delighted & Devilish
Blood alcohol concentration: .06
Drinks consumed: three bottles of beer

Dizzy & Delirious
Blood alcohol concentration: .10
Drinks consumed: five bottles of beer

Dazed & Dejected
Blood alcohol concentration: .16
Drinks consumed: eight bottles of beer

Dead Drunk
Blood alcohol concentration: .40
Drinks consumed: 20 bottles of beer

Dead
Blood alcohol concentration: .50
Drinks consumed: 25 bottles of beer

their students are highly motivated and receptive to alcohol instruction.

But alcohol education is not popular in our schools today. This may be true because the traditional approach to the subject has been with the "psychology of fear." Another cause may be the poor teacher preparation in this area.

It appears that driver education instructors would be remiss if they did not include good, objective, alcohol education in their courses. However, without the competence gained from adequate teacher preparation, we cannot hope that the instructor will relate the alcohol education to driver ed students with confidence.

Educators must quit hiding behind a cloak of personal bias and begin teaching objectively. Teacher preparatory institutions must make alcohol education available in their curriculums. The formal lecture on the "evils of drink" must be abolished and supplanted with objective material based on fact rather than emotion.

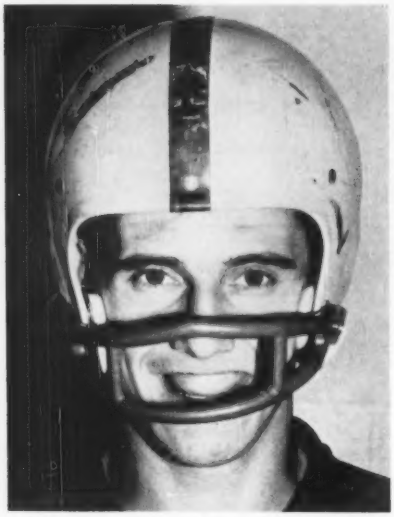
Driver education classes are a "natural" for the introduction of alcohol education. The effect of alcohol on driving ability lends itself very well to the introduction of this topic. The contribution of alcohol to traffic accidents makes it imperative that students clearly understand the effect of alcohol on driving ability. It should be part of any comprehensive course in driver preparation.

Some progress has been made in taking the "fear" out of alcohol education. To introduce alcohol education in the classroom, a pamphlet, "I've Got Ethyl on my Mind," is being developed by the Michigan Alcohol Education Foundation and the Michigan State Board of Alcoholism. The booklet will give the teacher a better opportunity to establish rapport and provide some basic information for class discussion.

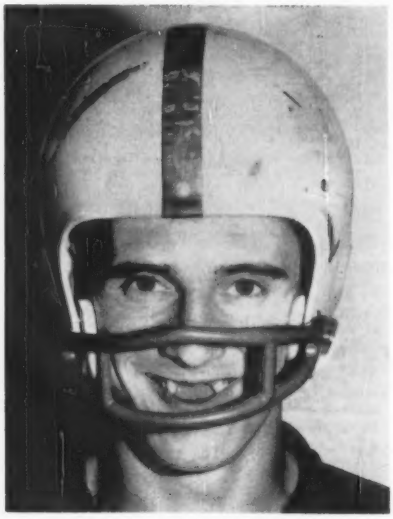
Teaching aids are available through state commissions and through local councils on alcoholism. Scholarships for institutes on alcohol studies are available to qualified teachers. A professional organization, Association for the Advancement of Instruction About Alcohol and Narcotics, acts as the clearing house for new developments in alcohol education.

Alcohol education must be accorded proper emphasis in our school curriculum. The contribution that alcohol apparently makes to our over-all accident picture makes it essential that safety educators bolster their resources in this area●

Block That Kick!



With custom-fitted mouth protector, player guards against serious dental injury.



Severe injury and loss of teeth can be the result of a rough football tackle.

New mouth protectors put an end to teeth lost in the line of scrimmage.

by Charles A. French

THE THOUSANDS of boys who answer the coaches' call for football squad members for the 1962 season, will have no need to worry about teeth lost in the line of scrimmage.

They will be better safety-equipped than ever before because a new rule, making mandatory the wearing of fitted, flexible, mouth and tooth protectors by all boys participating in football, was adopted by the National Alliance Football Rules Committee in its January, 1961 meeting. The rule was made effective for the 1962 season.

Nearly every football player will come under the new ruling. All members of the National Federation of State High School Athletic Associations, the National Junior College Athletic Association, and the National Association of Intercollegiate Athletics will be required to equip their teams with the new mouth protectors.

The importance of this far-reaching change in football rules is obvious to coaches and students of the game. Several studies, involving thousands of athletes, have indicated that at least 50 per cent of football injuries occur in and around the mouth.

Last year, in a survey of 3,694 football players from 70 colleges and universities, it was found that they had 586 teeth lost, broken, or

Charles French is Assistant Director of the Bureau of Dental Health Education, American Dental Association.

In rough and tumble play like this, dental injuries are common. More than 50 per cent of football injuries are to the teeth and mouth, and a player wearing a helmet face guard is only half safe.

chipped. The schools had spent more than $26,000 on dental treatment for the year.

Studies have also shown that face guards alone do not protect against injury to the teeth and mouth. A Wisconsin study of players wearing face masks found them half safe—providing about 50 per cent effective tooth protection—but stated that "the ultimate in tooth protection can be obtained only when a face mask is supplemented by a mouth protector."

Realizing the serious implications of the research which had been conducted to determine the nature and extent of dental injuries in football, the American Dental Association and the Association for Health, Physical Education, and Recreation recently completed a year's study of the problem. Their conclusions, which appear in the "Report of Joint Committee on Mouth Protectors," are:

▸ Injuries to the mouth and teeth continue to occur during football games and practice even though some protection is afforded by the use of face guards.

▸ Although many schools are providing mouth protectors for football players, many athletes are still without this protection.

▸ Properly fitted mouth protectors, worn by players during practice and games, will prevent nearly all injuries to the teeth and mouth.

▸ Several types of mouth protectors are currently available. Each will afford a significant amount of protection if used.

▸ Player acceptance of mouth protectors depends on several factors: fit, personal comfort, retention, effect on speech, and breathing are the most important.

▸ Custom-made, individually fabricated, mouth guards have been found to be most effective and to have greatest player acceptance.

▸ It is now possible to fabricate custom-made mouth protectors inexpensively, quickly, and easily and still retain the desirable characteristics by using self-curing latex with rayon flock.

School and college officials who wish to implement the National Alliance ruling with the most effective mouth protection equipment for their football squads should confer with local dental societies. These groups are in the best position to give sound advice on comfort, fit, toughness, cost and all other factors related to the protection of the teeth.

As closer liaison develops between members of the dental profession and coaching faculties, injuries to the teeth and mouth should be greatly diminished, perhaps eliminated entirely●

Chicago Hosts Congress

Chicago at night . . . bright light at far left is Conrad Hilton Hotel, headquarters of the Congress.

SINCE October 21, 1960, when the last Congress ended, plans for this year's Congress program have been "in the works."

During these past 12 months, scores of committees and hundreds of individuals have been making out schedules, writing letters, and brainstorming to produce ideas. They have secured promises of participation from over 1,000 safety-minded individuals and business firms. They have programmed hundreds of hours of activity.

Of course—even though you might want to—you couldn't see it all. But we have tried to list the things you won't want to miss. The schedule for the School and College sessions follows on the next page. Listed below are some general facts about the Congress, and a schedule of the all-Congress events.

Dates—October 16 through 20

Location—seven Chicago hotels

Theme—SAFETY EVERYWHERE . . . all the time!

Expected attendance—12,000

Total program participants—over 900

All-Congress Events

Location for All-Congress events listed below is the Conrad Hilton Hotel, Michigan Ave. and Balbo Dr.

Early Morning Sessions: "Time Management," Tuesday through Friday, 8:30-9:30 a. m., Ballroom. Speaker: Bill Gove, President, Bill Gove Organization, Coral Gables, Fla.

Congress Banquet: Tuesday, 6:30 p. m., Ballroom. Speaker: John F. Gordon, President, General Motors Corporation.

Civic Leadership Sessions: Wednesday and Thursday mornings, Crystal Ballroom.

Safety Films: top award winners in 1961 contest. Wednesday, 7:30 p. m., Ballroom.

Congress Party: Thursday, 8 p. m., Ballroom.

A summary of the highlights of the 1961 National Safety Congress, and a schedule of the programs planned for the educators attending the School and College sessions.

School and College Program

Expected attendance—600
Location—Hamilton Hotel, 20 S. Dearborn
Program participants—150
Hospitality Room: Chicago Room Annex

Special Events

School and College Breakfast: Monday, 8 a. m., Harding's Presidential Grill, 109 W. Madison.

Reception: and presentation of the Norman E. Borgerson Award, Monday, 3 p. m., Chicago Room.

TV Tour: Tuesday, 7:30 p. m., Mid-America Broadcasting Center, new studios of WGN and WGN-TV.

Luncheon: Thursday, 12:30, Mirror Room.

Monday

Afternoon

Opening general session; Gordon Graham Memorial Lecture by S. M. Brownell, Superintendent of Schools, Detroit, Mich.

Evening

Discussion Sessions: School Transportation, Engineering and Design in Traffic Safety, Employee Safety, Safety in Swimming.

Tuesday

Morning

Early Bird Session: Speaker: A. F. Schaplowsky, Public Health Advisor, HEW, Washington, D. C.
Civil Defense and Disasters (Supervisors)
Recent Research in Safety Education (Higher Ed.)

Afternoon

Safety Education and Safety Centers (Higher Ed.)
Elementary Session—I

Wednesday

Morning

Driver Education Session—I
Campus Safety: Studies Make Sense (Higher Ed.)

Afternoon

Driver Education Session—II
Elementary Session—II

Evening

Meet Your Safety Teaching Aids
Driver Education Session—III

Thursday

Morning

Driver Education Session—IV
Elementary Session—III
Safety Education Supervisors Session

Afternoon

Final general session: Speaker: Anthony Marinaccio, Superintendent of Schools, Davenport, Iowa.

Kenneth H. Hook Joins NSC Staff

KENNETH H. Hook, who comes to the NSC via the Knoxville, Iowa, schools, is a new member of the school and college department. He replaces Jack Faries as staff representative for the safety education supervisors section.

A native Iowan, Mr. Hook holds a B.A. from Iowa State Teachers College, where he majored in social science and safety education, and an M.A. in administration from Drake University.

Since 1953, when he began teaching driver education in the Knoxville high school, Mr. Hook has been active in safety education. He was director of the Knoxville school safety program, working with a high school committee to formulate a safety program for all the city schools. In addition, he served as activities coordinator and athletic director. Last year, Mr. Hook helped to initiate a city safety council in Knoxville, serving as its first chairman.

As staff representative for the safety education supervisors section, he will work with supervisors at all school levels. Along with his other duties, Mr. Hook plans to continue the group's long range programs: studying the ways to implement the "Safety in the Sixties program," and devising a model handbook of safety practices, applicable to all school systems.

Now a Chicago resident, Mr. Hook and his wife and five children—three girls, two boys—are living in Arlington Heights, Ill., a Chicago suburb●

Halloween Tips

Halloween is the night when bedtime is moved back an hour—or two—and when children are out roaming the streets in search of candy, cookies, or mischief.

In their excitement, they may dash across streets, get too close to that bonfire, or stumble and fall. A few classroom reminders can help avoid accidents:

▸ Use make-up instead of masks. Besides being uncomfortable, masks are dangerous because they restrict vision. And no one wants a repetition of the tragedy in Seattle, Wash., when a youngster's mask slipped, blinding his view of an onrushing auto.

▸ Costumes should be light in color, and made of a flameproof material. Reflector tape will further heighten a child's visibility.

▸ That ghoulish glow inside the pumpkin should be lighted by a flashlight, not a candle.

▸ And the old year-round safety precautions should be re-emphasized for October 30: No dashing from between parked cars, no playing in the streets, and extra care in crossing.

DRIVER EDUCATION EQUIPMENT FOR THE TRAINING CAR AND THE CLASSROOM

- **"IDENTO" Car Top Signs Lettered "Student Driver."**
- **"PORTA-MIR" — The rear view mirror designed expressly for the driving instructor.**
- **"BUMPA-TEL®" Rear Bumper Signs.**
- **Non-Lettered Highway Signs in the six basic shapes and colors. A visual aid for the driver education classroom.**

Literature on above items sent immediately upon request

LAKE AUTOMOTIVE PRODUCTS CO.
531 N. Woodbine Oak Park, Ill.

Announcing the new National College and University Safety Awards

Taking the Measure...

Like virtue, safety is its own reward. Properly, it needs no other. Therefore, the new National College and University Safety Awards are not designed merely to pin roses on higher education institutions boasting the best safety programs and lowest accident rates — reward enough in themselves — but to recognize and to help promote high quality overall safety activities.

The new awards take the measure of total safety activity, examining more than just the accidental-injury rate, and evaluating all the facets of a well-balanced safety program. Serving as an inclusive guide for the attainment of sound objectives in safety, the awards are also a non-competitive means of recognizing colleges with outstanding programs.

Conceived by the Campus Safety Association in 1957, the award program was developed by the NSC Higher Education Section in a committee headed by Lowell L. Carver, professor of industrial education at Iowa State University. Part of the National Safety Council's Awards Plan, the new program has been approved by the NSC Board of Directors' Awards Committee, and adopted by the School and College Conference.

Awards at four levels are offered. They are determined by the number of points scored by a school on a safety program Evaluation Check List. Beginning with the 1961-62 academic year, the **Award of Honor, Award of Merit, Certificate of Commendation,** and the **President's Letter,** will be presented annually to schools which qualify. All accredited colleges and universities in the United States and Canada, who are members of the NSC, are eligible.

Some of the "yardsticks" that will be used to measure a college safety program indicate the key objectives of the award plan.

- **Evaluation of efforts in the teaching of safety concepts**

  Objective: to improve and expand the teaching of safety in both the regular courses of instruction, and in the special courses designed to prepare safety educators and specialists

- **Evaluation of activities in safety research**

  Objective: to encourage higher education institutions to sponsor much-needed safety research, for application in all phases of human endeavor

- **Evaluation of the strengths and weaknesses in engineering aspects of campus safety**

  Objective: to improve the environment so that accidental injuries to students, faculty, staff and the public using the facilities, will be reduced

- **Evaluation of safety as a "college community" function—administrative leadership and safety organization**

  Objective: to assist in applying those standards desirable for achieving a well-balanced college safety program

An individual college's activities in these areas, and in many others, will be determined from information given on the Evaluation Check List—the most important part of the award entry. The check list must be completed by a college evaluating committee, which should be composed of at least five qualified college personnel, assisted by representatives of local safety and protective groups.

In addition, some identifying information about the college, explanatory material for the check list items which the college considers not applicable, and exhibit materials to clarify the nature and extent of the safety program, must accompany each entry. An accident experience record also should be submitted by all colleges. Initially, however, it will not be used in computing a school's score, except for the highest award — the **Award of Honor** — for which a school's accidental injury frequency rate must be less than a maximum prescribed by the Committee on Awards.

For scoring purposes, all items on the Evaluation Check List have been assigned varying point values in eight different categories. The awards have been designed so that compensation is made in scoring for differences in size, location, organization, curriculum, etc.

In order to qualify for the basic award, the **President's Letter,** a school must score 50% of the possible points in each of the eight areas on the Evaluation Check List. Higher awards carry requirements for the attainment of additional total points.

The awards program is co-administered by two committees appointed by the Higher Education Section of the School and College Conference. The Committee on Awards determines the criteria and designs the materials to be used in conjunction with the program. The Committee of Judges reviews and scores the entries, and arranges the award presentations.

Entries for the 1961-62 year must be submitted on special blanks provided, together with whatever substantiating or explanatory information is required. Completed entries must be mailed by Aug. 31, 1962.

Requests for entry forms or additional information should be directed to Daniel P. Webster, Staff Representative for Higher Education, School and College Department, National Safety Council, 425 N. Michigan Ave., Chicago.

Questions on the Evaluation Check List will be listed under these eight main categories. These headings also serve as criteria to guide colleges in planning and evaluating their student and staff-member safety programs.

1. Administrative leadership, including responsibility and authority for conducting and implementing a co-ordinated program
2. Safety organization, including the designation of a qualified person to co-ordinate and direct the program; safety committees, boards, and councils
3. Standardized procedures for reporting all injuries incurred in college-jurisdiction accidents; periodic analyses and summaries of accident causation and related factors
4. Placement and training of new faculty, staff members, and students through orientation, physical examination, and in-service training programs
5. Provision of a safe environment for living, for working, and for recreation through a system of inspections, adherence to legal and recommended standards, and the elimination of physical hazards
6. An emergency and disaster-preparedness program to control and reduce the possibility of death and injury in the event of accidents or incidents with disaster potentials
7. Promotion of interest in safety through recognized promotional media and educational publications
8. Continuing programs of research and safety education for staff members and students, and provision of safety education courses for students preparing to be safety educators or safety specialists

BULLETIN BOARD

Fingertip control

Typing to the tune of traffic laws is the latest brain child of the Ford Motor Co. Its new driver ed kit contains four articles on proper driving habits which have been word-counted for use as timed writing in typing classes. Theory behind it is that while concentrating on hitting the right keys, students are sure to pick up some safe driving tips—almost subliminally.

PTA lends a hand

Whether he has lost his way, skinned his knee, or is frightened by an over-friendly stranger, a child in distress can easily find a house where he will be given aid and comfort. Mothers participating in the Rockford, Ill. PTA "Helping Hand" Block Protection plan, display an insignia in the windows of their homes as an open invitation to children in trouble. Houses are scattered through the school district so that a child will never be far from help.

Day in court

The educative value of a traffic ticket is usually limited to its unfortunate recipient. However, when fifth-grade teacher, Mary Burke of Houston, Texas, told her American History class about the ticket she had received, (planning to mail the fine) the students asked to accompany her to court. Judge Abe Levy turned teacher for the visit, and the total educative value was: one lecture on safe driving habits, one object-lesson in American courtroom procedure, and, incidentally, one small parking fine.

Pocket ashtray

What prompted the student at a Maine high school to use his overcoat pocket as a makeshift ashtray is still a mystery. However, his unextinguished cigarette started a fire in the school cloakroom, setting off the sprinkler system which sounded the fire alarm. After a record evacuation, students returned to find the fire out and the total damage: five burned coats.

Potentially poisonous

Iron pills—widely prescribed for anemia in adults and children—are extremely toxic to little ones when taken in large quantities. Completely safe in the doses regularly prescribed, they are frequently dispensed in cardboard boxes, or easy-open glass bottles. Dr. Evan Charney, of the University of Rochester Medical Center, suggests they be packaged in safety containers, and carefully kept out of children's reach.

About 200 girls fled to safety as this blaze consumed their dormitory at the Lake Erie College for Women in Painesville, Ohio. Almost 75 per cent of all college fires occur in residence buildings.

In Case Of Fire

What should one do? Often, our college students don't know.

by Daniel P. Webster

IT'S surprising how little is known about college fires.

Granted, no administrator likes to broadcast the news that his institution of higher learning has had a serious fire with extensive damages, injuries, or deaths. By some, withholding this kind of information is considered to be simple good public relations.

However, to those in the professional fields of fire and accident prevention, the lack of news facts poses a considerable problem. Efforts to determine the causes of college fires, and to gain compliance and cooperation for preventive and protective programs are hindered.

Fire and safety authorities have had to rely heavily on occasional newspaper items to draw their pictures of the nature and extent of college fires — fragmentary information at best. Despite the scarcity of objective records, there

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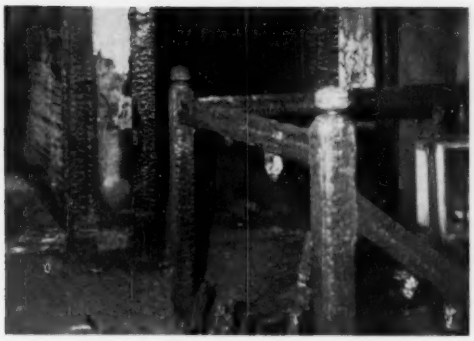
Daniel Webster is staff representative, Higher Education Section, School and College Dept., National Safety Council.



Fed by fraternity party decorations, fire raged up stairs. Two boys died in second floor bedroom.

Saved by a closed door, one student, trapped in the room at right, was rescued by fire fighters.
Photos: Robert J. Smith

can be little doubt that the fire safety problem persists.

Estimates of the National Board of Fire Underwriters indicate that an average of one out of every 20 higher education institutions experiences a residence hall fire each year. These do not include minor incidents, such as wastebasket fires, which generally go unrecorded.

Of 30 known college fires of serious nature in the five-year period, 1956-1960, almost 75 per cent occurred in residence buildings. Only eight of the total occurred in other locations. In eight of the 22 residence hall fires, there were 20 student deaths. No deaths were incurred in other buildings.

When property damage is used as the index of relative severity of college fires, it is found that loss of property and loss of life are not necessarily related. Two students died in each of two fires with estimated damage of $5,000. Three students perished in one fire and one student in another, with each fire having an estimated loss of $10,000. At the opposite extreme, one student was lost in a fire of $1,000,000 damage.

What are some of the dangerous misconceptions which substantially contribute to extensive damage, death, and injury in college fires?

▸ **Fire is the killer.** In the majority of student deaths in college fires, it is likely that flames only provided the final curtain, and that the students were already dead, or stupefied by smoke and poisonous gases so that they could not help themselves.

▸ **Someone will awake in time** to alert the occupants, aroused by the smell of smoke or fumes. Many times the reason alarms were never sounded is that nobody did awake to notify fellow students or the fire department.

▸ **Fire watches will detect all fires.** Night watchmen are an important part of a security program. However, many incipient fires—and potential killers—may go undetected for hours, or may not burst into flame until the fire watch has passed on his tour. By the time he returns, it may be too late.

▸ **Students, after reaching age 17,** are no longer subject to the dangers of fires. Accordingly, they do not need to take the same precautions, such as fire drills, as they did at earlier ages.

▸ **Women are more susceptible** to the dangers of fire than are men. This was pointed out by a national survey conducted a few years ago, where it was discovered that many colleges require fire drills for women only.

▸ **Fire drills are useless** because they encourage false alarms, and students ignore them anyway.

These misconceptions can lead to tragedy. A good fire safety program, including regular dormitory fire drills, can easily be prepared. Technical information is available, and many organizations stand ready to assist in planning a program●

Top: In "Rubber Ball," student steers right wheel through parallel row of tennis balls. *Bottom:* Driver must stop bus within six inches of finish line or lose precious points.

At North Carolina's annual School Bus Roadeo, drivers compete for scholarship awards.

by Ollis D. Griffin

Student Drivers

SCHOOL BUS DRIVERS in North Carolina seldom shave more than a couple of times a week—if at all. For the state's big (8,500) fleet of buses is piloted for the most part by teen-aged boys and girls, who provide safe, reliable, and economical transportation for their fellow students.

North Carolina operates the largest fleet of publicly owned school buses anywhere and its corps of young drivers has been honored repeatedly for its efficiency and safety.

Every year for the past six years, two of the drivers have been acclaimed "state champions" —an honor that comes at the conclusion of the annual school bus roadeo. The top-notchers share some $1,400 in scholarship awards, payable to the college of their choice.

First objective of the roadeo is the promotion of safe driving practices. But it was also designed to build prestige for the bus driving chore and to attract better qualified candidates.

Both objectives have been successfully met during the half dozen years the exciting and popular roadeo has been conducted.

Early in the school year, a committee of 12

Ollis Griffin is Director of the Driver Education and Accident Records Division of the Dept. of Motor Vehicles, State of North Carolina.

Navigating with great care, student driver guides his bus into "Offset Alley." The test is designed to measure distance judgment and maneuvering skill; it requires a steady, practiced hand at wheel.

Photos: American Youth

rs Take 'Busman's Holiday

school superintendents starts the roadeo program rolling when they choose an outstanding senior boy and girl driver to participate in one of 30 district elimination contests.

In making their selection, the superintendents are guided by well-defined criteria. Students are chosen on the basis of driving skill, cleanliness and mechanical condition of their buses, and must have unblemished personal driving reports. A good scholastic record, and the ability to maintain a consistent schedule are also taken into account.

Getting along with people rates high too. A driver's personal relationship with individuals in the school bus program—students, principal, mechanics—is carefully evaluated. Of course, ability to maintain discipline aboard the bus is an important factor.

The members of this hand-picked group who survive the district level competition—30 boys and 30 girls—are invited to Chapel Hill, site of the University of North Carolina, where the tough two-day event to select state champs gets under way.

Contestants are registered, living quarters assigned, acquaintances renewed, and sometime later the young drivers settle down to a 100-part written examination, their first step toward championship driving honors and scholarships.

Designed to separate the driving-wise from the dilettante, students face such questions as: "When the speed of a car is doubled, the braking distance is about four times as great." True or false? The contestant must come up with the right answer to this and similar puzzlers, including a number of multiple choice queries: "When approaching the crest of a hill at 50 miles an hour, it is best to (a) slow down, (b) maintain the same speed, (c) blow the horn."

Finishing the written quiz doesn't end the work day. Still to come are other questions calculated to test the youngsters' knowledge of rules-of-the-road, laws and regulations governing traffic, and highway safety principles.

That night there is a special supper, and the young drivers stay in Chapel Hill as overnight guests of six commercial sponsors. Since 1955, when the roadeo was initiated, business sponsorship has brought increasing value to the awards presented to winners. To date, $32,000 in scholarships have gone to driver champions.

The following day starts early, with actual driving skill tests conducted over an obstacle-crammed range patterned after the extremely difficult professional truck drivers' rodeo. Here the young drivers must maneuver their pon-

derous vehicles through an intricate maze with unerring precision.

For instance, student drivers are faced with navigating the "Serpentine"—zig-zag through a parallel row of barrels—and "Offset Alley"—enter narrow gateway, cut diagonally 30 degrees and exit through similar gateway 29 feet away. Any contact with obstacles costs the contestant points.

Other exacting tests follow. One which demands a truly expert hand at the wheel is the "Rubber Ball." The driver lines up the right wheel of his bus and must drive through a long parallel row of tennis balls. Margin for error here is exactly four inches.

The entire course must be traversed without delay—nine minutes is par time—and the bus brought to a halt at the finish line with the front bumper within six inches of the chalk mark.

Mistakes in the skill tests are carefully recorded by professional trucking industry representatives from the North Carolina Motor Carriers Association. When the last contestant is finished, individual points are added up, written and skill test scores combined, and the winners quickly determined by the judges.

Two days of rugged competition are climaxed by the awards banquet honoring the driving champions. Scholarship prizes of $500 each are presented to the boy and girl who take top honors; each runner up receives $200. In addition, district champs receive $100.

According to roadeo officials, many students have been able to continue their educations as a result of the scholarship program. "We have followed the progress of such students and in each case they have made outstanding college records," says Dr. Wallace N. Hyde.

Dr. Hyde, a former Motor Vehicles Department executive, further declares, "In addition to the stated objectives of the roadeo, it provides an important educational and social experience for the contestants. Many students are given their first opportunity to travel outside their immediate communities and to meet students from all parts of the state. The stay in Chapel Hill affords them a first-hand look at college life."

The North Carolina roadeo is a competitive and challenging event. Its contribution to the state's overall effort to provide safe and reliable transportation for its half million school children is undeniably paying dividends. As one spectator remarked at the 1961 event, "Why those kids do better with those buses than I could with a car!"

That's one reason why transportation authorities find it easy to put full confidence in the young people who, when the school bell rings, discharge an awesome responsibility with skill and safety●

Driving range for the school bus roadeo is patterned after the devilishly difficult professional truck drivers' roadeo track. Trucking industry representatives act as judges at the annual event.

a few tips on choosing and using

Engineers at Underwriters' Laboratories induce implosion of a television picture tube to see if safety glass panel at front will contain flying fragments.

TV in the Classroom

NOW THAT the television set is becoming as common to the classroom as the wide-screen blackboard and that unfinished portrait of George Washington, a few safety tips on choosing and using are in order.

Because children are a curious breed, the scientific and technical staff of Consumers' Research in Washington, N. J., cautions extra care in selecting a TV set for classroom use, in a report published in a recent *Consumer Bulletin*.

Electricity represents the chief danger. Scientists warn that since electric potential in TV sets can be as high as 23,000 volts, malfunction can make them exceedingly dangerous appliances, capable of giving a fatal electric shock.

There is a wide variance in design and construction among brands, but one simple standard for safety is the Underwriters' Laboratories emblem, carried by all receivers which have passed the strict UL safety tests. No school should ever make use of a set which does not bear the label "UL."

In order to measure up to UL standards, there must be a protective shield at the rear of the set. The shield prevents any contact with the electrical and mechanical parts mounted inside the cabinet, because UL also requires that the set be equipped with an interlocking device which automatically disconnects the power as soon as the rear backboard is removed.

Another UL standard is that the plate in front of the picture tube must be of sufficient strength to withstand a hard blow (see cut). In addition, this plate will protect the viewer from the effects of a spontaneous implosion—where glass is slowly sucked inward and then shoots outward, spraying dagger sharp pieces as far as 20 feet—a fairly common occurrence.

In the opinion of the Consumers' Research staff, the UL standards regarding potential shock hazards are not stringent enough. UL engineers will okay a set with a leakage current (which flows through undesired pathways due

to deficiencies of insulation, etc.) of five milliamperes at exposed metal parts. While this is a very small amount—1/100 of that necessary to light a 50-watt bulb—it is enough to give a severe shock sensation. The involuntary muscle reactions which may follow can be the cause of a serious accident.

Since the internal parts of a television set generate a great amount of heat, good ventilation is essential. The ventilation holes, usually large areas at the base covered by a thin screen, can be another source of danger. If this screen is torn or bent, curious fingers may be able to touch parts where voltages are high enough to cause death.

The dangerous "hot chassis" design was developed in an effort to produce an inexpensive receiver. This type employs selenium or silicon rectifiers to provide the high voltage necessary for TV tubes. This means that at times, depending on the position of the plug in the socket, the whole metal chassis may be at 120 volt potential.

Although the inside seems to be completely shielded, the "hot chassis" design should never be used in the schoolroom—even with UL approval. Sets which have rectifier systems using transformers are the kind to buy or rent. Just ask the dealer.

Metal cabinets are particularly to be avoided. Although a set with a metal cabinet may be entirely safe when new, a small electrical malfunction can make the whole cabinet electrically "live" and murderous.

In addition, cabinets for schoolroom receivers should be sturdy and well built. Since sets are often moved about, the chance of accidental breakage is always present. The exterior of a large picture tube always has tons of atmospheric pressure upon it. If the glass breaks or implodes, the cabinet must be strong enough to contain the shattered pieces which are propelled outward at tremendous force.

Television sets should be mounted for mobility upon rugged stands with legs set far apart to minimize the danger of tipping. Although a properly safeguarded metal stand is acceptable, one made of wood is preferable.

When a schoolroom set is purchased, the cord designed for home use should be removed and replaced with a length of SJ or SJT wire. These types have extra tough protective coatings which will withstand trampling and abuse. Of course, the cord and its connections should be checked regularly and kept in good repair.

One final word . . . Even if you have carefully chosen your television set to comply with the highest safety standards, it should be checked at least twice yearly by a competent repairman. Consumers' Research warns that "the first small shock or even a slight tingle calls for correction—*at once*"●

Simulating a typical bump, UL engineers drop one-pound steel ball against television safety glass.

If picture tube implodes, these razor sharp fragments can be propelled outward as far as 20 feet.

1961
National School Safety
HONOR ROLL

Total number of Honor Roll schools.....5,053

States with highest representation

First .....Pennsylvania (438)
Second .....Illinois (425)
Third .....Texas (417)

Cities with highest representation

First .....Philadelphia (148)
Second .....Houston (144)
Third .....Pittsburgh (102)

17 Year Schools

Alabama, Hueytown
  Hueytown Elem.
California, Alameda
  Alameda High
  Lincoln
  John Muir
  Porter
Minnesota, Hibbing
  Alice
  Brooklyn
  Cobb-Cook
  Greenhaven
  Hibbing High
  Jefferson
  Kelly Lake
  Lincoln Jr.
  Park
  Washington
New York, Larchmont
  Chatsworth Av.
Wisconsin, Green Bay
  School of Vocational
  and Adult Education

15 Year Schools

California, Alameda
  Edison
  Franklin
  Haight
  Longfellow
  Paden Elem.
  Washington
Connecticut, Greenwich
  Glenville
  North Mianus
Illinois, Elmhurst
  Lincoln Elem.
Michigan, Hazel Park
  United Oaks
Pennsylvania, Philadelphia
  John M. Patterson
Tennessee, Oak Ridge
  Cedar Hill
  Elm Grove
  Highland View
  Jefferson Jr.
  Pine Valley
  Scarboro
  Willow Brook
  Woodland

With fright mask and suitably mournful news clippings, student gives graphic safety presentation.

1961: Active Year

THE number is 5,053.

That's the record number of elementary, junior, and senior high schools on this year's Honor Roll. And during the last 12 months, the 5,053 schools set another record: they engaged in an unprecedented number of unique and effective safety activities.

Here then, is a brief round-up of safety efforts which engaged children 'round the nation during 1960-61.

To give entering kindergartners their safety start, several large urban school systems took a page from Dickens. The children had name and address tags securely affixed to their clothing. This aided their teachers, helped them know one another, and prevented them from becoming lost en route between home and school.

As soon as teachers had the confidence of the students, they directed attention to the new surroundings in and around school. A number of systems went beyond the customary orientation to playground, physical facilities and street crossings; they also attempted to handle the problem of the over-friendly "stranger."

Children colored a picture of the "stranger" lurking, candy in hand, on a shady school street and memorized an admonition from J. Edgar Hoover, "For your protection, remember to: turn down gifts from strangers; avoid dark and lonely streets; refuse rides offered by strangers; know your local policeman."

In search of adequate rewards for the students' safety efforts, schools singled out safety boys and girls of the month, gave numerous types of pins, badges and loving cups, held "safety parties" to honor safety patrols, and flew flags to mark the school safety record.

Children carried home a number of well-designed safety flyers. Perhaps the most attractive among these was a gilt edged ruler for hanging on Christmas trees. "A Golden Rule for a Happy Yule," the ruler told how to keep Christmas trees safe from fire. "Safety with Dogs" was the topic of a flyer for the Philadelphia school system. Prepared in cooperation with the Pennsylvania S.P.C.A., it gave good graphic treatment to the pleasures and problems of the canine. Among other flyers and pocket reminders were "This Is Your Policeman" and a safe cycling certificate with "points for pedalers" which brought home with a single phrase the need for safety education: "Today's bicyclist . . . Tomorrow's motorist."

Not all of the things the children brought home from school were brought by design. Sometimes report of a broken safety rule had to be signed and returned by parents. Such reports urged parents to discipline the child in the use of the particular rule.

Other reports were more serious. School accident forms were often filled in by classmates of the injured.

As ever, the most effective projects were the ones which involved the children directly. With as little as a sho-card stapled to a wooden

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Peter Hanen is Associate Editor of the National Safety News.

For Honor Roll Schools

by Peter Hanen

tongue-depressor, the realities of traffic movement came to life. The cards would show a truck, a car, a pedestrian, a stop sign, etc., and the children holding them could easily rehearse both accident situations and safe practices needed to prevent the accidents.

Posters of every size, shape, and description were put together with touches that ranged in sublety from Thurberesque cartoons to just plain Yankee practicality. Of the former was one which merely showed a pane of glass shattering with a ball-sized hole. The caption read "Ouch." A practical commentary—perhaps inspired by problems of planned obsolescence—was this: "*Don't* replace safety articles with useless, fancy ornaments." Posters even took the form of kites, while the kite kits gave instructions for safe kite flying.

One of the most successful modes of imparting safety rules came through the medium of safety songs. "Remember Your Name and Address," "Let the Ball Roll," "An Automobile Has Two Big Eyes," and "Stay Away from the Railroad Tracks" were a few of the most popular titles from a book called *Sing A Song of Safety*.

Essays and mathematical analyses delved more deeply into accident problems. Wrote one sixth-grader, "It is easy to understand why untrained people are not allowed to set off fire works. More people have been killed in the past 30 years by fireworks than were killed in the Revolutionary War." A junior high school safety council calculated the percentage of accidents which occur at certain points in the home. Students then marked floor plans of their own homes with the danger spots.

Often, the most penetrating thinking along safety lines was reflected in the poetry which students composed. This fragment from the pen of a fourth-grader might well cap our round-up of the year's work:

"Watch out for cars,
And don't get in their way,
They know and can see you,
But can't seem to stop some days"●

In mint condition, this antique truck came through safety tests with flying colors. As an Honor Roll project, a California high school safety council worked in conjunction with local organizations to examine 300 vehicles in one day.

The number preceding the name of the school stands for the number of years of participation in the Honor Roll.

***Indicates schools which have been on the Honor Roll 10 years or more.**

Alabama

BIRMINGHAM
- 5 Baker
- 7 Lakeview
- 2 Midfield

FAIRFAX
- 7 Fairfax

FAIRFIELD
- 6 Fairfield

GADSDEN
- *12 Jones

HUEYTOWN
- *17 Hueytown
- 3 N. Highland

HUGULEY
- 6 Huguley

JACKSONVILLE
- *12 Elem. Lab.

LANETT
- 4 Lanett

MOBILE
- 6 Washington

MONTGOMERY
- 6 Harrison

RIVER VIEW
- 6 River View

SHAWMUT
- 6 Shawmut

SYLACAOGA
- 7 Main Av.

Arizona

AJO
- *10 Ajo

PHOENIX
- 4 Creighton
- 4 Lafayette
- 4 Loma Linda
- 4 Machan
- 5 Monte Vista
- 4 Papago
- 4 Squaw Peak
- 2 Alhambra
- 4 Cartwright
- 4 Garfield
- 1 Sevilla
- 1 Whittier

TUCSON
- 4 Rose

Arkansas

LITTLE ROCK
- 3 Bale
- 4 Bush
- 4 Capital Hill
- 4 Carver
- 3 Centennial
- 2 Central
- 4 Dunbar
- 3 East Side
- 4 Fair Pk.
- 4 Forest Hts.
- 3 Forest Pk.
- 2 Franklin
- 4 Garland
- 3 Gibbs
- 4 Granite Mt.
- 2 Hall
- 4 Jackson
- 4 Jefferson
- 3 Kramer
- 3 Lee
- 3 Mitchell
- 5 Mann
- 3 Oakhurst
- 4 Parham
- 3 Pfeifer
- 3 Pulaski Hts. Elem.
- 3 Pulaski Hts. Jr.
- 3 Rightsell
- 1 Romine
- 3 Southwest
- 6 Stephens
- 4 Washington
- 4 West Side
- 3 Williams
- 4 Wilson
- 3 Woodruff

PULASKI COUNTY
- 1 Air Force Base
- 1 Badgett
- 1 Baseline
- 1 Bayou Meto
- 1 Cloverdale Elem.
- 1 Cloverdale Jr.
- 1 College Sta.
- 1 Dodd
- 1 Fuller
- 1 Geyer Springs
- 1 Jacksonville
- 1 Lawson
- 1 Mabelvale Elem.
- 1 Mabelvale High
- 1 Meadowcliff
- 1 Robinson
- 1 Roland
- 1 Scott
- 1 Sweet Home
- 1 Sylvan Hills
- 1 Wakefield Village

California

ALAMEDA
- *17 Alameda High
- *16 Edison K-4
- 9 Encinal
- *16 Franklin
- *16 Haight
- *17 Lincoln
- *16 Longfellow
- *10 Mastick
- *11 Muir
- *10 Otis
- *16 Paden
- *17 Porter
- *16 Washington
- *11 Woodstock

ANAHEIM
- 3 Barton
- 3 Edison
- 3 Gauer
- 3 Henry
- 6 Jefferson
- 4 Katella
- 1 Key
- 4 Lincoln
- 3 Madison
- 4 Marshall
- 3 Palm Lane
- 3 Sunkist
- 4 Washington

AVENAL
- 3 Avenal

BERKELEY
- 6 Berkeley
- 3 Columbus
- 3 Cragmont
- 7 Emerson
- 3 Garfield
- 4 Hillside Elem.
- 4 Hillside K-4
- 2 Jefferson
- 3 Le Conte
- 3 Longfellow
- 3 Oxford
- 3 Washington
- 3 Willard

CASTRO VALLEY
- 1 Castro Valley
- 1 Chabot
- 5 Clifton
- 1 Parsons
- 3 Proctor
- 1 Redwood
- 5 Sydney
- 4 Vannoy
- 1 Warren

COMPTON
- 4 El Segundo

CONCORD
- 2 Allensworth
- 5 Clayton Valley
- 2 El Dorado
- 3 Hillcrest
- 4 Monte Gardens
- 7 Mt. Diablo Elem.
- 4 Mt. Diablo High

EL CERRITO
- 6 Cameron
- *12 Castro
- 4 Del Mar
- *11 El Cerrito
- 7 El Monte
- *12 Fairmont
- *12 Harding
- 5 Madera
- *10 Portola
- 4 St. Jerome

EL SOBRANTE
- 4 Olinda
- 4 Sheldon

EMERYVILLE
- 3 Emery

FREMONT
- 2 Centerville
- 5 Glenmoor
- 2 Mattos
- 6 Norris
- 2 Oliverira

FRESNO
- 2 Centennial
- 2 Lowell
- 2 Wishon

GLENDALE
- *12 Balboa
- 1 Columbus
- 1 Edison
- 1 Field
- 3 Franklin
- 1 Glenoaks
- 6 Jefferson
- 3 Keppel
- 3 Mann
- 1 Montrose
- 1 Muir
- 1 Verdugo Woodlands
- 2 White

HAYWARD
- 1 Baywood
- 1 Bidwell
- 1 Bowman
- 3 Brenkwitz
- 2 Burbank
- 3 Calaroga
- 1 Cherryland
- 2 East Av.
- 1 Eldridge
- 2 El Rancho Verda
- 2 Fairview
- 2 Gansberger
- 1 Glassbrook
- 2 Harder
- 7 Harte
- 2 Highland
- 5 Hillcrest
- 2 Kimball
- 2 Laurel
- 2 Longwood
- 5 Markham
- 3 Mohrland
- 2 Muir
- 3 Palma Ceia
- 2 Park
- 1 Rancho Arroyo
- 1 Ruus
- 1 Schafer Pk.
- 2 Sequoia
- 1 Sorenson
- 4 Strobridge
- 1 Tennyson
- 1 Treeview
- 1 Tyrrell
- 2 Winton

KENSINGTON
- *12 Kensington

LA CRESCENTA
- 1 Lincoln
- 2 Valley View

LOCKEFORD
- 6 Lockeford

LODI
- 5 Needham

MODESTO
- 5 Beard
- 6 Burbank
- 4 Crippled Children
- 5 Downey
- 6 El Vista
- 6 Enslen
- 6 Fairview
- 5 Franklin
- 6 Fremont
- 6 Garrison
- 6 Harte
- 5 La Loma
- 6 Lincoln
- 6 Marshall
- 6 Muir
- 6 Roosevelt
- 6 Shackelford
- 6 Sutter
- 6 Tuolumne
- 5 Twain
- 5 Washington
- 6 Wilson
- 5 Wright

MOUNT EDEN
- 1 Winton Grove

NEWARK
- 1 Muller

OAKLAND
- 7 Allendale
- 7 Bella Vista
- 8 Brookfield Village
- 7 Burbank
- 8 Burckhalter
- 7 Castlemont
- 7 Chabot
- 8 Claremont
- 8 Clawson
- 8 Cleveland
- 7 Cole
- 7 Cox
- 7 Crocker Highlands
- 6 Dewey
- 4 Durant
- 8 Edison
- 7 Elmhurst
- 8 Emerson
- 7 Franklin
- 8 Fremont
- 7 Frick
- 7 Fruitvale
- 8 Garfield
- 7 Glenview
- 3 Golden Gate Elem.
- 3 Golden Gate Jr.
- 8 Grant
- 8 Grass Valley
- 5 Hamilton
- 6 Harbor Homes
- 6 Harte
- 7 Havenscort
- 7 Hawthorne
- 7 Highland
- 6 High Street Homes
- 7 Hillcrest
- 7 Hoover
- 1 Howard
- 7 Jefferson
- 1 King
- 8 Lafayette
- 7 Lakeview
- 7 Laurel
- 4 Lazear
- 8 Lincoln
- 7 Lockwood
- 8 Longfellow
- 7 Lowell
- 1 Madison
- 8 Mann
- 7 Manzanita
- 8 Markham
- 7 Maxwell Pk.
- 7 McChesney
- 7 McClymonds
- 8 Melrose
- 7 Miller
- 7 Montclair
- 2 Montera
- 7 Oakland High
- 8 Oakland Tech.
- 8 Parker
- 7 Peralta
- 8 Piedmont
- 8 Prescott
- 8 Redwood Hts.
- 8 Rockridge
- 7 Roosevelt
- 7 Santa Fe
- 6 Sequoia

6 Sheffield Village
7 Sherman
5 Sobrante Pk.
6 Stonehurst
7 Swett
3 Thornhill
8 Toler Hts.
7 Tompkins
7 Washington
7 Webster
7 Westlake
7 Whittier
7 Willow Manor
7 Wilson
2 Woodland

ONARD
1 Haydock

PINOLE
1 Ellerhorst
2 Hercules No. 1
1 Hercules No. 2

PLEASANT HILL
3 Diablo Vista

PORTERVILLE
3 Bartlett
2 Belleview
2 Doyle
3 Olive St.
1 Pioneer
3 Porterville Union
3 Putman
3 Roche Av.
3 Rockford
2 Vandalia
2 Westfield

RICHMOND
2 Adams
*12 Alvarado
8 Balboa
*12 Belding
8 Coronado
8 Cortez
6 De Anza
*11 Downer
*12 Ells
*11 Ford
7 Gompers
5 Granada
*12 Grant
*12 Lincoln
*12 Mira Vista Elem.
*12 Mira Vista Annex Elem.
*12 Nystrom
*12 Peres
*12 Pullman
*10 Richmond
*12 Roosevelt
1 Sales Sitan
7 Serra
*12 Stege
*12 Washington
*12 Wilson
4 Woods

SAN DIEGO
4 Alcott
1 Carver
1 Cubberlery
6 Foster
1 Mann
1 Marston
1 Rowan
1 Sequoia

SAN LEANDRO
7 Garfield
1 Halcyon
1 Jackson
1 Madison
7 McKinley
2 Muir
5 St. Leanders
7 Washington
3 Wilson

SAN LORENZO
3 Argonne
6 Ashland
3 Barrett
6 Bay
8 Bohannon
4 Colonial Acres
7 Corvallis
7 Dayton
6 Del Rey
9 Edendale
6 El Portal
7 Fairmont
5 Fairmont Terrace
6 Grant
4 Hesperian
5 Hillside
6 Lewelling
6 Linda Vista
8 Lorenzo Manor
8 Martin
4 Russell
6 Sunset
*11 Village
7 Washington Manor

SAN MATEO
4 Beresford Pk.
4 Buena Vista
4 Hayward Pk.
2 N. Shoreview
2 Parkside
5 Turnbull

SAN PABLO
3 Dover
*10 Helms
1 Lake
1 Montalvin Manor
7 Riverside

SAN PEDRO
1 Miraleste

SANTA CLARA
1 Agnew
1 Bracher
1 Millikin
1 Sutter

STOCKTON
7 Adams
7 August
7 Burbank
7 Cleveland
4 Colonial Hts.
7 El Dorado
7 Elmwood
7 Fair Oaks
5 Fillmore
5 Fremont
7 Garfield
7 Grant
7 Grunsky
7 Harrison
7 Hazelton
7 Hoover
4 Jackson
7 Jefferson
7 Lafayette
4 Lincoln Elem.
4 Lincoln Jr.
4 Lincoln Sr.
6 Madison
4 Marshall
7 McKinley
3 Munford
6 Roosevelt
8 St. Gertrude
4 St. Mary's Assumption
5 Stagg
7 Stockton College
7 Stockton Jr.
6 Taft
4 Taylor
3 Tully
7 Tyler
7 Van Buren
7 Victory
4 Village Oaks
7 Washington
7 Webster
3 Williams

STRATHMORE
3 Strathmore

TULARE
1 Oak Valley

29 PALMS
2 Oasis

UNION CITY
1 Barnard
6 Decoto
1 Searles
1 White

VISALIA
3 Divisadero
5 Green Acres

WALNUT CREEK
9 Buena Vista
3 Indian Valley
4 Murwood
1 Parkmead Elem.
9 Parkmead K-4
2 Tice Valley

WOODLAKE
3 Woodlake

Canal Zone

ANCON
6 Ancon

BALBOA HEIGHTS
6 Balboa Elem.
6 Balboa High

COCOLI
6 Cocoli

COCO SOLO
6 Coco Solo
6 Cristobal

CRISTOBAL
6 Rainbow Jr.

DIABLO HEIGHTS
6 Diablo Elem.
6 Diablo Hts. Jr.

FT. KOBBE
6 Ft. Kobbe

GAMBOA
6 Gamboa
6 Santa Cruz

GATUN
6 Gatun

LOS RIOS
6 Los Rios

MARGARITA
6 Margarita

PARAISO
6 Paraiso

PEDRO MIGUEL
6 Pedro Miguel

RAINBOW CITY
6 Rainbow City

Colorado

COLORADO SPRINGS
1 Bristol
1 Franklin
1 Longfellow
1 Queen Palmer

GRAND JUNCTION
6 Emerson

LAKEWOOD
2 Belmont

Connecticut

AVON
3 Avon
5 Huckleberry Hill
2 Towpath

BLOOMFIELD
1 Metacomet
4 Park Av.
3 Vincent
4 Wintonbury

BOLTON
6 Bolton

BRANFORD
1 Canoe Brook
1 Damascus
3 Pine Orchard

BRIDGEPORT
2 Bassick
3 Bryant
2 Dunigan
5 Franklin
3 Prospect

BRISTOL
2 West Woods

COLUMBIA
5 Porter

DARIEN
2 Hollow Tree

DEVON
4 Lenox Av.

EAST HARTFORD
5 East Hartford High
4 S. Grammer

EAST HAVEN
5 Deer Run
4 East Haven Jr.
5 Gillis
5 Highland
5 Momauguin
7 Overbrook
4 Tuttle
5 Union

EAST NORWALK
6 Marvin

EASTON
5 Staples

FAIRFIELD
3 Dwight
7 Fairfield Woods
3 Grasmere
3 Hale
3 Holland Hill
5 McKinley
2 Oldfield
4 Osborn Hill
3 Pequot
1 Riverfield
6 Sherman
2 Stratfield
3 Washington

GLASTONBURY
1 Hebron Ave.

GOSHEN
7 Goshen Ctr.

GREENWICH
7 Byram
2 Central
*10 Cos Cob
*11 Curtiss
5 Eastern
*16 Glenville
6 Hamilton Av.
8 New Lebanon
*16 N. Mianus
7 North Street
*12 Old Greenwich
1 Parkway
9 Riverside
4 Sandy Hook

GROTON
2 Chester

GUILFORD
3 Guilford

HAMDEN
6 Centerville
6 Church St.
6 Dunbar Hill
3 Giant
5 Hamden
6 Helen St.
6 Keefe
7 Mt. Carmel
5 Newhall
6 Peck
8 Putnam Av.
7 Spring Glen
6 State St.
5 Whalin
1 Whitney

HARTFORD
2 Bridlepath
3 Fox
4 Hooker
5 Kennelly
4 Kensella
2 Northeast
7 Webster
7 W. Middle

MADISON
3 Copse Rd.
4 Hand

MANCHESTER
6 Bowers
5 Green
5 Highland Pk.
5 Robertson
7 Waddell

MILFORD
6 Calf-Pen Meadow
7 Central
4 Devon
4 Ft. Trumball Beach
6 Kay Av.
4 Lenox
6 Meadowside
6 Orange Av.
6 Point Beach
6 Pumpkin Delight
1 Seabreeze
2 Simon Lake
6 Walnut Beach
5 W. Main St.
1 Woodmont

MONTVILLE
3 Uncasville

NAUGATUCK
6 Central
5 Cross St.
2 Hillside
6 Hop Brook
6 Naugatuck
6 Prospect St.
6 Salem

NEW BRITAIN
7 Burritt
*11 Camp
7 Chamberlain
7 Franklin
2 Gaffney
7 Hale
5 Holmes
5 Jefferson
7 Lincoln
5 Northend
7 Putnam
7 Roosevelt
7 Sr. High
7 Slade
5 Slater Rd.
6 Smalley
7 Smith
7 Washington

NEW CANAAN
3 Saxe
5 South

NEW HAVEN
7 Baldwin
7 Barnard
5 Bassett
8 Beecher
5 Brennan
7 Cheever
8 Clinton Av.
7 Columbus
5 Cross
2 Dante
7 Davis
7 Day
5 Dwight
7 Edgewood
7 Edwards
6 Fair Haven
6 Hale
5 Highland Hts.
7 Hooker
8 Ivy
8 Jepson
6 Kimberly Av.
6 Lincoln
7 Lloyd St.
5 Lovell
7 Prince
1 Quinnipiac
8 Ross
5 Scranton
*15 Sheridan
5 Skinner
8 Strong
6 Temple
9 Troup
5 Truman
5 Welch
5 West Hills
7 Woodward
5 Woolsey

NORTH HAVEN
7 Montowese
3 Ridge Rd.

NORWALK
6 Jefferson

NORWICH
5 Stanton

ONECO
3 Oneco

ORANGE
5 High Plains
2 Race Brook
5 Tracy

PLAINVILLE
4 Linden St.
3 Strong
4 Wheeler

PLYMOUTH
6 Plymouth Ctr.

POQUONOCK
6 Poquonock

ROCKVILLE
2 Lake St.
4 Maple St.
7 Northeast
3 Vernon

ROCKY HILL
6 Center
3 Stevens
4 West

SEYMOUR
5 Bungay

SHARON
6 Sharon Ctr.

SOMERS
2 Kibbe Fuller
3 Somersville

SOUTHINGTON
4 Holcomb

SOUTH NORWALK
3 Brookside
3 Columbus-Lincoln

SOUTH WINDSOR
3 Pleasant Valley
3 Wapping

STAFFORD
1 Borough
5 Pinney

STAFFORD SPRINGS
5 W. Stafford

STAFFORDVILLE
5 Staffordville

STAMFORD
5 Belltown
4 Burdick
6 Cloonan
6 Dolan
1 Franklin
7 Hart
4 Hoyt
7 Murphy
6 Newfield
6 Rice
2 Rogers Elem.
2 Rogers Jr.
1 Roxbury
5 Ryle
6 Springdale
8 Stark
5 Stevens
7 Westover
6 Willard

TERRYVILLE
6 E. Main
6 Prospect

TOLLAND
5 Hicks Mem.

TRUMBULL
7 Lawn Hill
5 Nichols

WALLINGFORD
5 Beack
5 Washington

WATERFORD
3 Southwest

WEST HARTFORD
2 Braeburn
5 Bugbee
6 Charter Oak
3 Elmwood
3 Norfeldt
6 Talcott
3 Whitman

WEST HAVEN
8 Colonial Pk.
2 First Av.
3 Halley
6 Lincoln
5 Mackrille
5 Noble
5 Pagels
3 Stiles
6 Washington

WEST SUFFIELD
3 W. Suffield

WINDSOR
5 Clover St.
5 Fitch
5 Hayden
4 Windsor

Delaware

CLAYMONT
1 Claymont
1 Darley Rd.
2 Green St.
1 Maple

DOVER
1 Star Hill
2 Washington

MIDDLETOWN
2 Redding

NEWARK
2 Gallaher

WILMINGTON
1 Conrad
2 Du Pont
2 Edge Moor
2 Faulk Rd.
1 Hockessin
3 Lore
1 Mt. Pleasant

Florida

APOPKA
8 Apopka
6 Apopka Mem.
7 Dream Lake
1 Lovell
4 Wheatley Elem.
4 Wheatley Jr.
4 Wheatley Sr.

AUBURNDALE
6 Auburndale Jr.
4 Auburndale K-4

BARTOW
6 Bartow

CHRISTMAS
2 Christmas

CLEARWATER
6 N. Ward

DANIA
6 Dania
4 Olsen Jr.

DAVENPORT
5 Davenport Elem.
5 Davenport Jr.

DEERFIELD BEACH
1 Deerfield Elem.
3 Deerfield Jr.

DUNDEE
6 Dundee

EAGLE LAKE
6 Eagle Lake

EATONVILLE
1 Hungerford

FT. LAUDERDALE
3 Bayview
4 Bennett
6 Broward Estates
4 Davie
3 Dillard Elem.
5 Dillard High
5 East Side
5 Edgewood
1 Florinada
3 Foster
6 Harbordale
5 Hortt
7 Lauderdale Manors
1 Lloyd Estates
4 Meadowbrook
4 N. Andrews Gardens
6 North Side
2 Oakland Pk.
2 Pine Crest
3 Riverland
1 Rock Island
6 South Side
4 Stirling
3 Sunland Pk.
1 Sunrise Jr.
6 Sunset
7 Walker
6 West Side
4 Westwood Hts.

FT. MEADE
3 Lewis
4 Riverside

FT. PIERCE
4 Ft. Pierce Elem.
4 Ft. Pierce K-4
6 Lincoln Pk. Acad.
2 Moore
6 St. Lucie Jr.
6 St. Lucie K-4
1 Sweet

FROSTPROOF
6 Frostproof

GOTHA
2 Gotha

GULFPORT
6 Gulfport

HAINES CITY
6 Central
5 Eastside
6 Haines City Jr.
5 Haines City Sr.
4 Oakland
5 Rochelle Sr.

HALLANDALE
4 Hallandale Elem.
1 Hallandale Jr.

HOLLYWOOD
4 Attucks
5 Colbert
6 Hollywood Central
3 Lake Forest
4 McNicol
3 Oakridge
4 Watkins

JACKSONVILLE
4 Darnell-Coakman
1 Fairfield
4 Gorrie Jr.
3 Hendericks
1 Hogan-Springs Glen
3 Hyde Pk.
5 Jefferson
3 Lackawanna
5 Lake Forest
4 Lee Sr.
4 Love Grove
1 Oak Hill
4 Ortega
4 Paxon Jr.
4 Paxon Sr.
3 Pickett
3 Ribault Jr.
3 Ribault Sr.
3 Rutherford
1 St. Paul
1 San Pablo
3 Smith Jr.
2 Spring Pk.
2 Tech High
1 Venetia
1 W. Riverside

LAKELAND
6 Central
6 Cleveland Ct.
5 Combee
5 Cox
1 Crystal Lake
5 Dixieland
6 Lakeland Jr.
6 Lakeland Sr.

5 Lake Morton
6 Lime St.
1 Lincoln Av.
6 Medulla
5 Medulla Westside
1 N. Lakeland
5 Rochelle Elem.
5 Rochelle Jr.
5 Southwest Elem.
4 Southwest Jr.
5 Webster Av.

LAKE WALES
6 Hillcrest
6 Polk Av.
5 Spook Hill

LARGO
4 Anona

MAITLAND
4 Maitland Hill
2 Maitland Jr.

MARGATE
3 Margate

MULBERRY
6 Mulberry

OAKLAND
4 Oakland

OAKLAND PARK
1 Woodson

OCOEE
7 Ocoee Elem.
7 Ocoee Jr.
1 Spring Lake

ORLANDO
7 Audubon Pk.
2 Azalea Pk.
5 Blankner
9 Boone
1 Bonneville
9 Callahan
2 Catalina
2 Cheney
8 Cherokee
1 Chickasaw
2 Colonial
8 Concord
8 Conway
2 Cypress
7 Delaney
1 Dover Shores
1 Durrance
2 Eccleston
7 Edgewater High
3 Engelwood
2 Evans Jr.
2 Evans Sr.
8 Fern Creek
5 Forrest
2 Gateway
8 Grand Av.
8 Hillcrest
6 Holden St.
8 Jones
5 Kaley
9 Lake Como
7 Lake Silver
3 Lake Weston
1 Lancaster
5 Lee
8 Lockhart Elem.
1 Lockhart Jr.
7 Marks
1 Memorial
2 Oak Ridge Jr.
2 Oak Ridge Sr.
7 Orlo Vista
1 Parental Home
8 Pine Castle
6 Pine Hills
5 Pineloch
8 Princeton
2 Ray
4 Rock Lake
1 Rolling Hills
1 Tangelo Pk.
6 Union Pk.
1 Vocational
4 Washington Shores

PENSACOLA
*12 Cook
6 McMillan
5 Reynolds
2 Semmes
1 Weis

PLANTATION
3 Peters

POMPANO BEACH
1 Broadview
3 Cresthaven
4 McNab
2 Norcrest
4 Pompano Beach Elem.
4 Pompano Beach Jr.

ST. PETERSBURG
7 Clearview
5 Euclid
7 Harris
7 Norwood
6 Roser Pk.

SANFORD
4 Pinecrest

TALLAHASSEE
3 Hartsfield

TAMPA
6 Cleveland
4 DeSoto
4 Gary
7 Graham
4 Kenly
5 Manhattan
*10 Twin Lakes
6 Yates

TANGERINE
2 Tangerine

WARRINGTON
6 Warrington

WEST HOLLYWOOD
3 Boulevard Hts.
1 Driftwood Elem.
1 Driftwood High
5 McArthur
5 Miramar
1 Pembroke
1 Sunshine
4 W. Hollywood

WINDERMERE
6 Windermere

WINTER GARDEN
8 Dillard St.
5 Drew Elem.
5 Drew Jr.
5 Drew Sr.
5 Lakeview
5 Tildenville
7 Winter Garden

WINTER HAVEN
6 S. Winter Haven

WINTER PARK
2 Brookshire
5 Hannibal
7 Killarney
5 Lakemont
7 Park Av.
3 Webster Av.

ZELLWOOD
6 Zellwood

Georgia

ALBANY
4 Broad Av.

ATLANTA
6 Butler
5 Haygood
3 Herndon
5 Howell
3 Key
3 Sky Haven
3 Slater
1 Tull Waters
3 Venetian Hills

COLUMBUS
2 Brown Av.
4 Nankipooh

DECATUR
4 Toney

DULUTH
1 Warsaw

EAST POINT
3 Dodson Dr.

FULTON COUNTY
5 Alpharetta
3 Beavers
6 Cedar Grove
3 Church St.
7 Cliftondale
3 College St.
8 Conley Hills
1 Dodd
5 East Point
5 Fairburn
5 Harris
5 Hopewell
3 Liberty-Quinn
7 Longino
5 Mitchell
4 Neely
4 Newton
2 Newtown
7 North Av.
1 Northwestern
6 Parklane
3 Charles E. Riley
3 James L. Riley
5 Sandtown
5 Smith
5 Stonewall
1 Underwood Hills
5 Utoy Springs
5 Jere Wells
3 Josephine Wells
5 Word
5 Young

MACON
9 Stephens

SAVANNAH
3 Montgomery
4 Romana

WEST POINT
6 West Point

Hawaii

HONOLULU
*10 Kalakaua Intermediate

Idaho

COEUR d'ALENE
3 St. Thomas

LEWISTON
4 St. Stanislaus

NAMPA
4 St. Paul's

ST. MARIES
4 St. Mary's

Illinois

ALEDO
2 Marston
2 Millersburg
2 Ohio Grove
2 Perryton
2 Seaton
2 Trew

ALTON
7 Irving
5 Washington

AVON
2 Avon Elem.
3 Avon Jr.
2 Avon Sr.
5 Greenbush
5 Lincoln
1 St. Augustine

BARTLETT
2 Bartlett

BERWYN
3 Custer
5 Havlicek

BETHALTO
4 Bethalto
5 Civic
6 Culp
6 Meadowbrook
5 Trimpe

BONDVILLE
1 Bondville

BROOKFIELD
4 Congress Pk.
5 Lincoln

BROWNSTOWN
2 Brownstown

CAIRO
1 Cairo

CANTON
*10 Anderson
7 Dean
4 Hulit
4 Ingersoll
5 McCall
4 Norris
5 Wright

CHAMPAIGN
2 Bottenfield
3 Busey
2 Edison
3 Francisco
2 Garden Hills
2 Gregory
6 Hensley
2 Howard
2 Lincoln
2 Marquette
1 South Side
2 Switzer
2 Washington
2 Westview
2 Willard
2 Wolfe

CHICAGO
2 St. Stanislaus Kostka

CONCORD
2 Concord

COTTAGE HILLS
6 Cottage Hills

CREVE COEUR
3 Creve Coeur
3 Gerber
3 LaSalle
3 Park View
3 Rusche
3 Vicic

DANVILLE
*10 Cannon
1 Collett
9 Daniel
2 Danville
1 Douglas
5 Edison
*10 Elmwood
5 Fairchild
4 Franklin
9 Garfield
5 Grant
5 Hooton
2 Jackson
*10 Liberty
5 Lincoln
1 McKinley
3 Northeast
5 Oaklawn
5 Roselawn
5 Tilton
*11 Washington

DECATUR
6 Durfee
5 Enterprise
5 French
4 Garfield
5 Gastman
1 Harris
1 Lincoln
4 Mound
1 Muffley
7 Oak Grove
1 Oakland
3 Oglesby
5 Pershing
1 Pugh
5 Roach
4 South Shores
1 Spencer
1 Ullrich
1 Warren
5 Washington

DE KALB
3 Ellwood
2 Haish
1 Jefferson
1 Lincoln

DES PLAINES
2 Forest
1 Orchard Pl.
1 South
2 West

DUNFERMLINE
2 Dunfermline

EAST PEORIA
2 Balin
3 Central
1 Glendale
2 Jefferson
2 Lincoln
2 Richland
2 Washington
2 Wilson

EAST ST. LOUIS
2 Edgemont
4 Manners
3 Rose Lake
3 Van Lucas

EDWARDS
3 St. Mary

EDWARDSVILLE
1 Bohn
1 Columbus
1 Glen Carbon
1 Hadley
1 Hamel
1 Jr. High
1 Lincoln
1 Midway
1 Moro
1 New LeClaire
1 Old LeClaire
1 Quercus
1 Sr. High

ELGIN
3 Coleman
3 Columbia
1 Franklin
3 Gifford
3 Grant
3 Hoff
4 Illinois Pk.
3 Lincoln
4 Lowrie
2 McKinley
2 Sheridan
3 Washington
4 Wing

ELMHURST
1 Bryan
4 Edison
7 Emerson
*10 Field
9 Hawthorne
8 Jackson
4 Jefferson
*16 Lincoln
2 Madison
4 Roosevelt
*10 Sandburg
4 Washington
4 Yorkfield

EVANSTON
5 Ascension
9 Beth
9 Central
9 College Hill
7 Dawes
9 Dewey
8 Evanston Twp.
9 Foster
9 Haven Elem.
9 Haven Jr.
9 Lincoln
9 Lincolnwood
4 Marywood
9 Miller
7 Nat'l College Children's
9 Nichols
9 Noyes
9 Oakton
9 Orrington
4 Park
7 Roycemore
9 St. Athanasius
4 St. George
9 St. Mary's
9 St. Nicholas
4 Skiles
4 Timber Ridge
9 Washington
9 Willard

FARMINGTON
2 Chapman
2 Harris

FREEPORT
1 Blackhawk
2 Center
2 Douglas
2 Empire
1 Harlem
5 Henney
3 Lincoln
5 Taylor Pk.

GALESBURG
5 Bateman
4 Churchill
5 Cooke
5 Farnham
4 Immaculate Heart
1 Stone
1 Welch

GLEN ELLYN
2 Franklin

HAVANA
4 S. Fulton

HENRY
3 St. Mary's

HIGHLAND PARK
5 Braeside
4 Edgewood
4 Elm Pl.
4 Green Bay Rd.
5 Highland Pk.
4 Immaculate Conception
4 Indian Trail
4 Lincoln
1 Northwood
4 Ravinia
3 Red Oak
4 Thomas
3 West Ridge

JACKSONVILLE
1 Jefferson

JOLIET
1 Culbertson
1 Cunningham
1 Farragut
1 Kelly
1 Marshall
1 Marycrest
1 McKinley Pk.
1 Parks
1 Pershing
1 Reeds Wood
1 Rehn
1 Sheridan
1 Thompson
1 Woodland

KEWANEE
*11 Alexander
*11 Central
*11 Franklin
*11 Irving
*11 Kewanee
*11 Lincoln
*11 Lyle

LA GRANGE
4 Cossitt Av.
9 Goodman Av.
2 Highlands
4 Ogden Av.

LA GRANGE PARK
5 Forest Rd.
4 Oak Av.
4 St. Louise De Marillac

LAKE FOREST
1 Lake Forest

LA SALLE
2 St. Patrick

LEWISTOWN
1 Dist. No. 141
1 Community High

MACOMB
5 Grant
5 Logan
5 MacArthur
2 Macomb Sr.
5 Wilson

METROPOLIS
3 Community High

MOLINE
4 Carr
4 Franklin
4 Hamilton
5 Irving
3 Lincoln
3 Logan
5 Mann
4 Maple Grove
4 Roosevelt
3 Sacred Heart

MORTON GROVE
3 Grove Dist. 70
3 Parkview

NEBO
3 Nebo

NILES
1 Jefferson
8 Sch. No. 47

NORTH CHICAGO
5 Community High

OAK LAWN
2 N. Palos

PEKIN
4 St. Joseph

PEORIA
6 Blaine-Sumner
5 Columbia
4 Coolidge
6 Douglas
6 Franklin
6 Garfield
4 Glen Oak
6 Greeley
6 Harrison
4 Irving
5 Jefferson
6 Kingman
5 Lee
6 Lincoln
6 Longfellow
5 Loucks
5 Manual
6 McKinley
4 Peoria High
6 Reservoir
5 Roosevelt
9 St. Mary's
2 St. Thomas
6 Trewyn
6 Tyng
5 Von Steuben
5 Washington
6 Webster
6 White
3 Whittier
6 Woodruff

PITTSFIELD
2 East
2 Higher
2 South

QUINCY
6 Adams
6 Berrian
4 Christian Bros.
6 Dewey
4 Ellington
6 Emerson
6 Franklin
5 Highland-Riverside
6 Irving
6 Jackson
6 Jefferson
6 Madison
4 Monroe
4 Notre Dame
6 Quincy Jr.
6 Quincy Sr.
4 St. Boniface
4 St. Francis
4 St. James
4 St. John
4 St. Mary's
4 St. Peter's
4 St. Rose
6 Washington
6 Webster

RIVERSIDE
1 Riverside

ROCKFORD
1 Garrison
2 Montague

ROCK ISLAND
3 Audubon
2 Black Hawk
2 Central
3 Denkmann
2 Edison
2 Field
2 Franklin
2 Ginger Hill
2 Grant
2 Hawthorne
1 Immanuel Lutheran
2 Irving
2 Lincoln
2 Longfellow
3 Mann
2 Milan
1 Rock Island Sr.
*11 Rock Island Public
2 Sacred Heart
3 St. Joseph
3 St. Mary's
3 St. Pius X
2 Washington
2 Willard

ROSEVILLE
3 Roseville Elem.
3 Roseville Jr.

SAVOY
5 Savoy

SKOKIE
2 Devonshire
1 Fairview North
1 Highland
1 Old Orchard
3 Sharp Corner
1 Stenson

SPRINGFIELD
1 Addams
5 Blackhawk
5 Bunn
6 Butler
3 Christ the King
1 Dell
1 Douglas
1 Dubois
1 Edison
5 Edwards
2 Enos
2 Fairview
1 Franklin
5 Harvard Pk.
2 Elles
1 Laketown
1 Lawrence
3 Lindsay
6 McClernand
1 Palmer
1 Piper
1 Pleasant Hill
3 St. Cabrini
5 Stalley
1 Wanless
3 W. Grand

STREAMWOOD
2 Woodland Hts.

URBANA
1 Hays
2 Leal
2 Urbana Jr.
2 Urbana Sr.
1 Yankee Ridge

WESTERN SPRINGS
2 Grand
2 Field Pk.
2 Forest Hills
2 Franklin
2 Laidlow
2 McClure
2 Western Springs Public

WHEATON
2 Emerson
2 Franklin
3 Hawthorne
2 Holmes
3 Jefferson
2 Lincoln
2 Longfellow
4 Lowell
3 Washington
2 Whittier

WINNETKA
1 Hubbard Woods

Indiana

BEDFORD
4 Lincoln
3 Parkview

BLOOMINGTON
7 Fairview
7 Hunter

ELKHART
7 Hawthorne

EVANSVILLE
6 Baker
7 Bosse
3 Caze
7 Cedar Hall
5 Centennial
7 Central
6 Chestnut-Walnut
8 Dexter
6 Fairlawn
7 Fulton
7 Glenwood
1 Harwood
4 Hebron
6 Highland
5 Lodge
8 Lynch-McCutchanville
1 North
4 Perry Hts.
4 Plaza Pk.
7 Reis
7 Reitz
2 Rossa
6 Vogel
9 Washington
7 Wertz
5 West Hts.
4 W. Terrace
7 Wheeler

FT. WAYNE
2 Adams
4 Bloomingdale
3 Brentwood
4 Emmaus Lutheran
2 Forest Pk.
1 Franke Pk.
8 Hanna
5 Indian Village
5 Irwin
6 McCulloch
8 Miner
6 Rudisill
4 St. Joseph Central
6 Slocum
2 Southern Hts.
4 Ward
4 Washington Twp.
1 Anthony Wayne
6 S. Wayne

FRANKFORT
7 Woodside

GARY
5 Aetna
7 Ambridge
4 Banneker
4 Bethune
7 Beveridge
7 Carver
2 Chase
7 Douglass
7 Drew
2 Dunbar
7 Edison
7 Emerson
7 Franklin
7 Froebel
3 Garnett
7 Glen Pk.
7 Ivanhoe
7 Jefferson
7 Lincoln
4 Locke
7 Mann
3 Marquette
3 Melton
7 Miller
6 Nobel
8 Pittman Sq.
7 Pulaski
1 Pyle
8 Riley
8 Roosevelt
7 Tolleston
3 Vohr
8 Wallace
7 Washington
7 Webster
3 Williams
6 Wirt

HAMMOND
1 Caldwell
1 Clark
8 Columbia
8 Hammond High
4 Irving
6 Jefferson
1 Kenwood
5 Lincoln
8 Maywood
8 Morton
7 Porter
5 Riley
3 Tech. Voc.
3 Wallace
5 Wilson

HUNTINGTON
7 Mann

INDIANAPOLIS
8 Brookside
8 Brown
2 Christian Pk.
6 Foster
2 Franklin
8 Garfield
2 Hartman
2 Kilmer
2 Lilly
3 Lincoln
1 Loomis
6 McClellan
8 Morgan
3 Mott
8 Owen
2 Pyle
1 Sch. No. 94
1 Sidener
2 Vonnegut
2 Washington
5 Weir
2 Wilde

KOKOMO
1 Meridian

LA PORTE
7 Park

MADISON
3 Middleton

MARION
8 Clayton-Brownlee
8 Emerson
3 Jefferson
7 Mann
6 McCulloch Jr.
6 McCulloch Sr.

MISHAWAKA
*12 Battell
*12 Beiger
*12 Bingham
3 Emmons
*12 La Salle
*12 Main
*12 Mishawaka High
6 North Side
*12 Phillips
*12 South Side
*12 Twin Branch

NEW ALBANY
6 Silver St.

SHELBYVILLE
7 Hendricks
4 Major
1 Pearson

Iowa

ALTOONA
7 Altoona

BETTENDORF
3 Twain

BURLINGTON
1 Black Hawk
2 Central
5 Corse
5 Grimes
4 N. Hill
7 Washington

CARROLL
1 St. Peter & Paul

CEDAR RAPIDS
2 Fillmore
4 Franklin

DAVENPORT
4 Adams
6 Central
2 Fillmore
3 Garfield
3 Grant
2 Green Acres
2 Harrison
5 Hayes
5 Hoover
5 Jefferson
5 Johnson
3 Lincoln
5 Madison
3 McKinley
3 Monroe
2 Perry
5 Roosevelt
4 Smart
4 Sudlow
5 Taylor
5 Washington
1 West
4 Williams
5 Wilson
4 Young

DES MOINES
6 Canary Lake
1 North
2 Roosevelt

EMMETSBURG
1 Emmetsburg

EXIRA
6 Exira High

GLIDDEN
4 Glidden-Ralston

GRINNELL
5 Cooper
1 Fairview
2 Parker

IOWA CITY
5 Central
5 Hoover
4 Iowa City
1 Lincoln
5 Longfellow
4 Mann
5 Roosevelt
5 Sabin
1 South East
5 Twain

KEOKUK
5 Garfield
5 Hawthorne
5 Jefferson
5 Keokuk Jr.
5 Keokuk Sr.
5 Lincoln
5 Torrence
5 Washington Central
5 Wells-Carey

MISSOURI VALLEY
*11 Missouri Valley High

NEWTON
7 Aurora Hts.
*10 Emerson
5 Jefferson
7 Lincoln
9 Washington
7 Wilson

OCHEYEDAN
6 Ocheyedan

ONAWA
6 Lark

OTTUMWA
3 Evans
7 Irving
6 Lincoln

QUIMBY
4 Quimby

RICHLAND
6 Richland

SHENANDOAH
6 Broad St.
3 Central
4 Fifth & Sixth

SIOUX CITY
6 Bancroft
1 Blessed Sacrament
7 Bryant
7 Central
4 Clark
7 Cooper
7 Crescent Pk.
6 East Jr.
6 East Sr.
7 Emerson
2 Epiphany
7 Everett
6 Floyd
6 Franklin
6 Grant
6 Hawthorne
1 Heelan
7 Hopkins
6 Hunt
4 Immaculate Conception
5 Irving
7 Joy
6 Leeds
7 Lincoln
7 Longfellow
7 Lowell
7 McKinley
6 North Jr.
1 Riverside
7 Riverview
7 Roosevelt
3 Sacred Heart
1 St. Boniface
4 St. Joseph
1 St. Michael
7 Smith
4 Sunnyside
7 Washington
7 Webster
7 West Jr.
7 Whittier
6 Wilson

SPENCER
3 High

STORM LAKE
4 East
6 North
6 South
6 West

WEBSTER CITY
7 Washington Central

VILLISCA
6 Villisca

Kansas

BETHEL
1 White Church

BUHLER
1 Buhler Rural

CALDWELL
4 Caldwell

FREDONIA
3 Lincoln
4 Mound
3 Paulen

GARDEN CITY
3 Garfield
3 Jones

HILLSBORO
1 Hillsboro

HUTCHINSON
1 Allen

KANSAS CITY
8 Holy Cross
5 Rosedale Jr.
5 Rosedale Sr.

MANHATTAN
1 Blumont
1 Field
1 Luckey
2 Roosevelt
1 Wilson

McPHERSON
1 Sr. High

MEDICINE LODGE
3 Medicine Lodge

MONTROSE
1 Montrose Elem.
1 Montrose High

PRATT
1 Central

ST. JOHN
3 St. John

SENECA
2 Seneca

VICTORIA
1 Victoria Elem.

WICHITA
1 Arkansas Av.
1 Buckner
6 Caldwell
1 Clark
5 Gruffenstein
4 Kechi Ctr.-Chisholm Trail
4 Kelly
4 Lawrence
1 Lincoln
2 Lowell
1 Oaklawn
8 Sowers
4 Stearman
6 Waco

Kentucky

BELLEVUE
3 Center St.

COVINGTON
4 Villa Madonna

DANVILLE
3 Toliver

FAYETTE COUNTY
1 Meadow Thorpe

FT. MITCHELL
3 Beechwood

FT. THOMAS
5 Highlands
2 St. Thomas
*10 Woodhill

FRANKFORT
1 Elkhorn

HAZARD
4 Hazard Area

JEFFERSON COUNTY
*11 Auburndale
7 Audubon
1 Bashford Manor
6 Bates
5 Butler
4 Camp Taylor
6 Cane Run
7 Chenoweth
1 Dixie
7 Durrett
8 Eastern
3 Eastwood
*10 Fairdale Elem.
3 Fairdale High
*10 Fern Creek Elem.
8 Fern Creek High
5 Filson
1 Forest
3 Gilmore
6 Goldsmith
8 Greathouse
5 Greenwood
8 Hawthorne
8 Hikes
2 Indian Trail
9 Jeffersontown
8 Johnston
6 Kennedy
*11 Kenwood
7 Kerrick
8 Lyndon
9 Medera
8 Melbourne Hts.
8 Middletown
9 Mill Creek
9 Newburg
9 Okolona
3 Pleasure Ridge Pk.
9 Prestonia
7 Rockford
6 St. Matthews
5 Schaffner
3 Seneca
4 Shryock
7 Southern
5 South Pk.
9 Stivers
2 Taylor
7 Valley Elem.
7 Valley High
7 Waggener
7 Waller
5 Watson Lane
3 Wilder
5 Wilkerson

LEXINGTON
6 Arlington
6 Ashland
6 Carver
6 Cassidy
6 Clay
6 Constitution
6 Davis
6 Dunbar
7 Harrison
6 Johnson
6 Lexington Jr.
6 Lincoln
6 Maxwell
6 Morton Jr.
6 Russell
6 Washington

LOUISVILLE
8 Ahrens Trade
7 Atkinson
6 Beechmont
7 Belknap
8 Bloom
7 Bond
6 Bowman Fld.
7 Brandel
8 California
8 Carmichael
7 Central
8 Clark
8 Clay
7 Cochran
8 Coleridge
6 Cotter
6 Dolfinger
8 Dunbar
7 du Pont Manual
6 DuValle
6 Eastern Jr.
5 Emerson
7 Emmet Fld.
7 Engelhard
7 Finzer
6 Foster
8 Franklin
8 Frayser
5 Gottschalk
7 Hazelwood
8 Heywood
7 Hill
7 Jackson
7 Jacob
7 Jones
7 Longfellow
8 Lowell
6 Male
5 Manly
6 Marshall
8 McFerran
6 Merker
8 Parkland Elem.
4 Parkland Jr.
8 Perry
7 Portland
5 Prentice
7 Roberts
7 Roosevelt
5 Rubado
6 Rubel Av.
5 Russell
7 Rutherford
8 Salisbury
7 Semple
6 Shawnee Elem.
8 Shawnee High
6 Shelby
2 Southwick
8 Strother
7 Talbert
6 Tingley
8 Virginia Av.
6 B. T. Washington
8 George Washington
5 Western Jr.
8 Wheatley

NEWPORT
3 Newport
6 Notre Dame

OWENSBORO
5 Lincoln
1 Washington

SOUTH FT. MITCHELL
5 Caywood

Louisiana

BATON ROUGE
2 Baton Rouge
1 Southdown Elem.

BOSSEIR CITY
1 Rusheon

CHALMETTE
2 Rowley

ELTON
4 Elton

GRETNA
3 Gretna

JENNINGS
4 Jennings

LAFAYETTE
1 Hamilton Lab.

METAIRIE
2 Airline Pk.
1 Ridgewood
4 St. Louis King of France

NEW ORLEANS
4 Audubon
1 Bauduit
1 Bienville
1 Craig
3 Crossman
3 Daneel No. 1
4 Davey
2 Davis
2 Deckbar
3 Fisk
3 Gayarre
6 Gentilly Terrace
3 Hardin
2 Harney
2 Harte
2 Holy Ghost
2 Holy Rosary
6 Hynes
3 Green
2 Jefferson
3 Johnson
1 Jones
8 Lafayette
3 La Fon
1 Lakeview
4 Live Oak Elem.
4 Live Oak Jr.
2 Lusher
1 Laurel-McDonough No. 1
3 McDonogh No. 14
3 McDonogh No. 30
4 McDonogh No. 31
4 McDonogh No. 32
4 McDonogh No. 37
2 McDonogh No. 40
5 Moton
4 Nicholls
7 Our Lady of Good Counsel
1 Our Lady Star of Sea
4 Palmer
1 Ricard
5 St. Andrew the Apostle
8 St. Frances Cabrini
4 St. Dominic
4 St. Francis of Assisi
1 St. Henry
1 St. Joseph
4 St. Katherine
2 St. Raphael
3 St. Rose of Lima
3 Washington
5 Wheatley
3 White
3 Wicker
2 Wilson

OPELOUSAS
2 Clark

PORT SULPHUR
2 Port Sulphur

ST. JOSEPH
2 Davidson

SHREVEPORT
1 Woodlawn

SUNSET
3 Sunset

VINTON
1 Vinton College

Maryland

BALTIMORE
6 Alcott
4 Alexander
4 Arlington
8 Armistead
2 Baer
5 Barbour
6 Beechfield
6 Carrollton
3 Cherry Hill
4 Columbus
2 Coppin
*10 Cromwell
3 Curtis Bay
4 Douglass
2 Edgewood
2 Edmondson
9 Fallstaff Rd.
3 Frankford
4 Franklin
7 Gardenville
1 Garnet
2 Garrett Hts.
1 General Voc.
7 Gist
5 Govans
3 Guilford Elem.
*10 Guilford K-4
*10 Hampden
2 Harbor View
2 Hayes
5 Henderson
*10 Howard
*10 Howard Pk.
2 Hurst
1 Irvington
9 Jefferson
3 Johnson
*10 Key
6 Leith Walk
1 Lemmel
9 Liberty
6 Lyndhurst
1 Medfield Hts.
4 Monroe
4 Montebello
2 Morse
5 Northwood
2 Paca
4 Perry
3 Pimlico Elem.
5 Pimlico Jr.
4 Poole
6 Rodman
2 Roland Pk.
*10 Roosevelt
2 Ross
4 Ruhrah
6 Stowe
1 Taubman
2 Tilghman
6 Washington
6 Weglein
2 Westport
6 Wheatley
5 Windsor Hill
1 Winston
2 Gen. Wolfe

GREENSBORO
2 Greensboro

Massachusetts

BONDSVILLE
7 Bondsville

CHICOPEE
2 Alvord
2 Belcher
1 Bowe
9 Kirby
2 Lambert-Lavoie
2 Sheridan St.
2 Streiber
2 Szetela
1 Taylor
2 Valentine
2 Westover No. 1
2 Westover No. 2

FAIRVIEW
2 Fairview

FALL RIVER
6 Aldrich
5 Belisle
7 Borden
2 Brayton
2 Carroll
7 Connell
7 Coughlin
2 Davis
7 Davol
5 Diman Voc.
6 Dovan
4 Dubuque
3 Durfee
3 Dwelly
6 Fowler
5 Greene
5 Healy
6 Highland
5 Laurel Lake
5 Letourneau
2 Lincoln
6 Lord
4 McDonough
6 Morton
3 Pine St.
6 Robeson
4 Small
4 Stone
7 Tansey
7 Watson
3 Westall
6 Wiley
2 Wixon

GLOUCESTER
1 Babson-Maplewood

HOLYOKE
6 Elmwood
6 Highland
1 Holyoke
5 Kirtland
6 Lawrence
1 Lynch
6 Metcalf
6 Morgan
5 Precious Blood
3 Sacred Heart
6 Springdale
6 S. Chestnut St.
6 West St.
5 White
6 Whiting

NEW BEDFORD
4 Winslow

PALMER
7 Park St.

PITTSFIELD
6 Abby Lodge
6 Allendale
6 Bartlett
6 Briggs
2 Central Annex
6 Crane
6 Dawes
6 Egremont
6 Hibbard
6 Highland
6 Mercer
6 Morewood
6 North Jr.
6 Pittsfield
6 Plunkett
6 Pomeroy
6 Pontoosuc
6 Redfield
6 Rice
6 Russell
6 South Jr.
6 Stearns
6 Tucker
4 Williams

THREE RIVERS
6 Three Rivers

SPRINGFIELD
4 Acushnet Av.
3 Balliet
4 Bowles
5 Brightwood
4 Brookings
2 Brunton
1 Buckingham
5 Carew St.
1 Chestnut St.
6 Dorman
6 Eastern Av.
4 Glickman
1 Harris
5 Homer St.
5 Hooker
4 Howard St.
6 Indian Orchard
4 Jefferson
4 Kensington
5 Lincoln
5 Memorial
6 Morris
4 Myrtle St. Elem.
4 Myrtle St. Jr.
6 Pottenger
6 School St.
3 Sixteen Acres
4 Tapley
1 Van Sickle
6 Warner
5 Washington
4 White St.

THORNDIKE
7 Thorndike

WALTHAM
5 Bright
5 Fitch
3 Hardy
5 Hill
3 Lawrence
3 Lexington St.
5 Newhall
5 Northeast
5 Northwest
5 Plympton
3 Vocational High
4 Warrendale
5 Whittemore

WELLESLEY
4 Hardy

WEST SPRINGFIELD
5 Ashley
4 Cowing
1 Fausey
5 Immaculate Conception
5 Main St.
5 McDonough
5 Memorial
5 Mittineague
5 Park Av.
5 St. Thomas
5 Tatham
5 W. Springfield Jr.
5 W. Springfield Sr.

WILLIMANSETT
2 Chapin
2 Smith Highlands
2 Willimansett

WORCESTER
*10 Abbott St.
*10 Adams Sq.
*10 Adams St.
*10 Andover St.
*10 Belmont St.
*10 Blithewood
*10 Bloomingdale
*10 Burncoat Elem.
*10 Burncoat Jr.
*10 Cambridge St.
*10 Canterbury St.
*10 Cerebral Palsy Sch.-Clinic
*10 Chandler St. Elem.
*10 Chandler St. Jr.
*10 Clark St.
*10 Classical
*10 Columbus Pk.
*10 Commerce
*10 Dartmouth St.
*10 Dix St.
*10 Downing St.
*10 E. Kendall St.
*10 Edgeworth St.
*10 Elizabeth St.
*10 Flagg St.
*10 Forest Grove
*10 Freeland St.
*10 Gage St.
*10 Gates Lane
*10 Grafton St. Elem.
*10 Grafton St. Jr.
*10 Granite St.
*10 Greendale
*10 Harlow St.
*10 Heard St.
*10 Indian Hill
*10 Lake View
*10 Lamartine St.
*10 Lee St.
*10 Lincoln St.
*10 Ludlow St.
*10 Malvern Rd.
*10 May St.
*10 Middlesex Av.
*10 Midland St.
*10 Millbury St.
*10 Nelson Pl.
*10 North
*10 Oxford St.
*10 Providence
*10 Quinsigamond
*10 Rice Sq.
*10 Roosevelt
*10 South
*10 Tatnuck
*10 Thorndyke Rd.
*10 Union Hill
*10 Upsala St.
*10 Ward St.
*10 W. Boylston St.
*10 Winslow-Sever
*10 Woodland St.
*10 (New) Woodland St.

Michigan

BATTLE CREEK
3 Dudley
3 Franklin
3 Fremont
3 La Mora Pk.
3 Lincoln
3 McKinley
3 Post
3 Roosevelt
3 Urbandale
4 Verona
3 Washington
1 Wilson

CLIO
3 Clio Area Elem.
4 Clio Area Jr.

DAVISON
1 Cottrell
1 Herrick
1 Hill
1 Potter
2 Richfield
1 Russellville
2 Thomson
1 Uptegraff
1 White

EAST LANSING
*12 Central

FENTON
4 Furlong
4 North Rd.
4 State Rd.

FERNDALE
4 Carver

FLINT
3 Barhitte
4 Beckwith
2 Bryant
4 Calvary
2 Central
4 Civic Pk.
4 Clark
4 Cody
4 Cook
5 Coolidge
1 Crapser
4 Cummings
4 Dewey
4 Dort
5 Doyle
5 Durant-Tuuri-Mott
1 Dye Community
2 E. Bendle
4 Emanuel Lutheran
2 Emerson
4 Fairview
1 Fenton Lawn
1 Fisk
3 Flint Christian
3 Flint Jr. Acad.
4 Freeman
3 Friel St.
4 Garfield
4 Gillespie
1 Graham No. 1
1 Graham No. 2
3 Griffith
4 Gundry
3 Hamady Elem.
1 Hamady High
5 Hazelton
1 Herbst Jr.
2 Holy Rosary
4 Homedale
1 Hoover
4 Jefferson
3 Johnson
4 Lamb
4 Lewis
5 Lincoln
4 Longfellow
2 Lowell
4 McKinley Elem.
4 McKinley Jr.
4 Mandeville
4 Martin
4 Merrill
1 Metzger
1 N. Bendle
2 Northern High
4 Oak
4 Our Savior
5 Parkland
4 Payson
4 Pierce
4 Pierson
5 Potter
4 Redeemer
5 Roosevelt
4 Sacred Heart
4 St. Agnes
3 St. Francis of Assisi
5 St. John Vianney
4 St. Luke
4 St. Mary
4 St. Matthew
4 St. Michael
4 St. Paul
4 Selby
4 S. Bendle
2 Southwestern
4 Stevenson
4 Stewart
1 Van Slyke
1 Vern Van Y
5 Walker
5 Washington
4 W. Bendle
2 Whittier Jr.
2 Wolcott
3 Zimmerman Elem.
4 Zimmerman Jr.

FLUSHING
1 Flushing
1 St. Robert

GENESEE
4 Genesee

GOODRICH
4 Atlas
4 Goodrich Ag.
4 Reid

GRAND BLANC
2 Brendel
3 Grand Blanc
4 Holy Family
4 McGrath
4 Myers

GRAND RAPIDS
1 Mt. Mercy

HAMTRAMCK
7 Copernicus Elem.
*11 Copernicus Jr.
5 Dickinson
3 Hamtramck
5 Holbrook
5 Immaculate Conception
5 Kosciuszko
4 Our Lady Queen of Apostles
5 Pulaski
5 St. Florian
5 St. Ladislaus

HAZEL PARK
*15 United Oaks

KALAMAZOO
1 Indian Prairie
1 Winchell

LANSING
2 Allen St.
3 Barnes Av.
1 Bingham
3 Cavanaugh
2 Cedar
3 Christiancy
1 Cumberland Rd.
4 Elmhurst
3 Everett
4 Fairview
3 Foster
4 Genesee
4 Gier Pk.
4 Grand River

4 High St.
4 Holmes St.
2 Horsebrook
5 Kalamazoo St.
4 Lewton
4 Lincoln
5 Lyons
3 Main St.
3 Maple Hill
5 Maplewood
4 Michigan Av.
5 Moores Pk.
4 Mt. Hope Av.
6 Northwestern
4 Otto Jr.
1 Pattengill
3 Pleasant Grove
3 Pleasant View
5 Verlinden
1 Wainwright
2 Willow

LINDEN
4 Argentine
1 Linden Community
1 Montague

MONTROSE
2 Montrose Twp. Elem.
2 Montrose Twp. High

MT. MORRIS
4 St. Mary's

MT. PLEASANT
7 Ganiard
4 Isabella
6 Pullen

OKEMOS
1 Okemos Central

ROSEVILLE
4 MacArthur

SHEPHERD
7 Shepherd

SWARTZ
3 Doane
2 St. Mary's

TRAVERSE CITY
*10 Traverse Hts.

Minnesota

BOVEY
2 Murray

CALUMET
3 Calumet

COLERAINE
5 Greenway

DULUTH
1 Barnes
6 Bryant
6 Central
6 Chester Pk.
6 Cobb
6 Congdon Pk.
6 Denfeld
6 East High
6 Emerson
6 Endion
6 Ensign
6 Fairmount
6 Franklin
6 Grant
6 Irving
6 Jackson
6 Jefferson
6 Kenwood
6 Lakeside
6 Lester Pk.
6 Lincoln Elem.
6 Lincoln Jr.
6 Lowell
6 MacArthur
6 Merritt
6 Morgan Pk.
6 Munger
6 Nettleton
5 Ordean
6 Park Point
6 Piedmont
6 Riverside
6 Stowe
6 Washburn
6 Washington Jr.
6 West Jr.
3 Woodland Jr.

FARIBAULT
3 Faribault State
7 Garfield
1 Immaculate Conception
1 Jefferson
1 McKinley
1 St. Lawrence
1 Sr. High

HIBBING
*17 Alice
*17 Brooklyn
*17 Cobb-Cook
*17 Greenhaven
*17 Hibbing
*17 Jefferson
*17 Kelly Lake
*17 Lincoln
*17 Park
*17 Washington

INTERNATIONAL FALLS
4 St. Thomas

MARBLE
3 Olcott

MINNEAPOLIS
4 St. Lawrence

ROCHESTER
2 Golden Hill
5 Jefferson

Mississippi

BROOKHAVEN
7 Brookhaven
6 Martin

CLINTON
4 Clinton

JACKSON
4 Baker
5 Barr
5 Boyd
2 Bradley
1 Central
4 Davis
5 Duling
7 French
4 Galloway
4 George
2 Green
2 Hill Jr.
2 Hill Sr.
2 Isable
3 Jones
6 Key
4 Lake
2 Lee
3 Lester
3 Marshall
5 McWillie
2 Morrison
5 Poindexter
4 Power
4 Provine
2 Raines
3 Smith
3 Spann
4 Sykes
4 Watkins
7 Whitfield

JOUGALOO
2 Young

LAUREL
1 Shady Grove

RAYMOND
3 Raymond

TERRY
4 Terry Consolidated

UTICA
3 Utica

GREENWOOD
1 Davis
5 N. Greenwood
3 Stone St.
7 Williams

GULFPORT
6 Bayou View
4 Central
1 E. Ward
7 N. Central
7 N.E. Ward

Missouri

HICKMAN MILLS
2 Burke
2 Westridge

INDEPENDENCE
2 Nativity B.V.M.

KANSAS CITY
4 Blessed Sacrament
1 Briarcliff
2 Burke
1 Carver
1 Davidson
2 Faxon
2 Garfield
5 James
5 Kensington
4 Longan
5 Marlborough
3 Meservey
2 Mt. Washington
4 Northeast Jr.
6 Our Lady of Good Counsel
4 Sacred Heart
2 St. Aloysius
2 St. Charles
5 St. Michael
4 Thacher
4 Twain
2 Washington
1 Winnwood

KIRKWOOD
3 Hough
3 N. Glendale
3 Osage Hills
5 Westchester

ST. LOUIS
1 Beaumont
3 McKinley
3 Vashon

ST. JOSEPH
8 Benton Jr.
8 Benton Sr.
1 Bishop LeBlond
8 Blair
8 Bliss
6 Central
5 Christian Brothers
6 Co-Cathedral
8 Edison
8 Everett
1 Field
8 Floyd
8 Hall
8 Hosea
8 Humboldt
8 Hyde
6 Immaculate Conception
8 LaFayette
8 Lindbergh
8 Mann
8 McKinley
7 Miller
8 Neely
8 Noyes
8 Pershing
8 S. Park
5 St. Francis Xavier
6 St. James
6 St. Mary's
4 St. Patrick's
8 Sherwood
7 Twain
8 Washington
1 Webster

SPRINGFIELD
4 Bailey-Kiwanis
4 Berry
4 Bingham
4 Bissett
4 Bowerman
4 Boyd
4 Campbell
4 Central
4 Delaware
4 Doling
4 Eastwood
4 Fairbanks
4 Fairview
4 Field
4 Fremont
4 Hillcrest
4 Holland
4 Jarrett
4 McDaniel
4 McGregor
4 Oak Grove
4 Parkview
4 Pepperdine
4 Pershing
4 Pershing Jr.
4 Phelps
4 Pipkin
4 Portland
4 Reed
4 Ritter
4 Robberson
4 Rountree
4 Shady Dell
4 Sherwood
4 Study Jr.
4 Sunshine
4 Tefft
4 Twain
4 Watkins
4 Weaver
4 Weller
4 Westport
4 Williams
4 York

Montana

WHITEWATER
1 Whitewater

Nebraska

LINCOLN
2 Arnold
6 Bancroft
4 Beattie
7 Belmont
6 Bethany
2 Brownell
5 Bryan
5 Calvert
6 Capitol
6 Clinton
3 Culler
6 Eastridge
*10 Elliott
5 Everett
2 Garfield
6 Hartley
3 Havelock
4 Hawthorne
6 Holmes
6 Huntington
5 Irving Child Ctr.
5 Irving Jr.
4 Lake View
4 Lefler
3 Lincoln N.E.
5 Lincoln S.E.
2 Lincoln W.
2 Meadow Lane
5 Norwood Pk.
6 Park
5 Pershing
6 Prescott
6 Randolph
6 Riley
6 Saratoga
6 Sheridan
6 Whittier
4 Willard

Nevada

RENO
6 Peavine

New Jersey

BEDMINSTER
2 Bedminster Twp.

CAMDEN
*13 Bergen
*13 Bonsall
*13 Broadway
*13 Camden Jr.
*13 Cassady
*13 Catto
*13 Central
*13 Cooper
*13 Cramer Jr.
*13 Davis
*13 Dudly
*13 Fetters
*13 Hatch Jr.
*13 Liberty
*13 Lincoln
*13 McGraw
*13 Mickle
*13 Northeast

*13 Parkside
*13 Powell
*13 Read
*13 Sharp
*13 Summer
*13 Swell
*13 Veterans
*13 Washington
*13 Whittier
*13 Wilson
*13 Yorkship

DUMONT
2 Grant

EDISON
6 Sand Hills-Bonhamtown

ELIZABETH
3 Butler
6 Elmora

HACKENSACK
6 Fairmount

HADDON HEIGHTS
5 Glenview
5 Haddon Hts. Jr.
5 Haddon Hts. Sr.
5 Kings Hwy.
5 Seventh Av.
5 System

HASBROUCK HEIGHTS
4 Euclid

KEARNY
2 Emerson
1 Franklin
1 Garfield
1 Kearny Sr.
2 Roosevelt
1 Schuyler
1 Washington

LINDEN
4 Soehl Jr.
1 Sch. No. 1
8 Sch. No. 2
6 Sch. No. 3
3 Sch. No. 4
1 Sch. No. 5
6 Sch. No. 6
7 Sch. No. 7
6 Sch. No. 8
4 Sch. No. 9
3 Sch. No. 10

LODI
3 Wilson

LYNDHURST
1 Columbus
1 Roosevelt
4 Washington

MARLTON
2 Evans

NORTH ARLINGTON
1 N. Arlington

POINT PLEASANT BEACH
1 Antrim

SADDLE BROOK
4 Cambridge
1 Franklin
1 Washington

RAHWAY
5 Cleveland
7 Columbian
5 Franklin
5 Lincoln
5 Madison
1 Rahway Jr.
4 Rahway Sr.
5 Roosevelt
5 St. Mary's
6 Washington

RIDGEFIELD
5 Sch. No. 3

RIVER EDGE
3 Roosevelt

ROSELLE PARK
6 Aldene
5 Gordon
3 Roselle Pk. Jr.
1 Roselle Pk. Sr.
4 Sherman

UNION
2 Burnet
4 Franklin

WASHINGTON
6 Washington Twp.

WEST ENGLEWOOD
3 Irving

WESTFIELD
5 Columbus
2 Edison
4 Elm
5 Franklin
5 Grant
5 Jefferson
5 Lincoln
5 McKinley
5 Roosevelt
5 Washington
5 Wilson

New Mexico

CARLSBAD
*12 Craft
*11 Eddy
*12 Edison
*11 Eisenhower
*12 Hillcrest
7 Monterrey
6 Pate
5 Puckett
5 Riverside
*11 Roosevelt
6 Senior
9 Smith
*11 Southridge
9 Sunset

LAS CRUCES
6 MacArthur

New York

ADDISON
6 Addison

ALBANY
5 Sch. No. 19

BEAVER DAMS
4 Beaver Valley

BUFFALO
1 Bennett
1 Burgard
1 Emerson
5 Fosdick-Masten
2 H. C. Tech.
3 LaFayette
*13 McKinley
4 Sch. No. 1
4 Sch. No. 3
2 Sch. No. 8
3 Sch. No. 9
2 Sch. No. 11
2 Sch. No. 12
3 Sch. No. 15
1 Sch. No. 16
3 Sch. No. 18
3 Sch. No. 19
2 Sch. No. 21
2 Sch. No. 22
3 Sch. No. 23
1 Sch. No. 26
3 Sch. No. 27
4 Sch. No. 28
1 Sch. No. 29
1 Sch. No. 30
1 Sch. No. 31
3 Sch. No. 32
3 Sch. No. 33
3 Sch. No. 36
2 Sch. No. 38
4 Sch. No. 39
4 Sch. No. 41
4 Sch. No. 42
4 Sch. No. 43
1 Sch. No. 44
1 Sch. No. 45
1 Sch. No. 47
1 Sch. No. 48
1 Sch. No. 49
4 Sch. No. 50
2 Sch. No. 51
4 Sch. No. 52
6 Sch. No. 53
2 Sch. No. 54
4 Sch. No. 56
3 Sch. No. 57
3 Sch. No. 59
4 Sch. No. 60
3 Sch. No. 61
3 Sch. No. 62
3 Sch. No. 63
2 Sch. No. 65
3 Sch. No. 66
3 Sch. No. 67
4 Sch. No. 69
3 Sch. No. 70
3 Sch. No. 71
3 Sch. No. 72
2 Sch. No. 73
1 Sch. No. 74
2 Sch. No. 75
1 Sch. No. 76
3 Sch. No. 77
4 Sch. No. 78
2 Sch. No. 80
2 Sch. No. 81
2 Sch. No. 83
1 Sch. No. 85
2 Sch. No. 86
5 Sch. No. 87
2 Sch. No. 88
4 Sch. No. 90
1 Sch. No. 93
3 Seneca
3 South Pk.

CARTHAGE
5 Black River
5 Carthage
2 Deferiet
2 Great Bend
2 Herrings

CORNING
1 Beaver Valley
*12 Carder
4 Caton
3 E. Corning
8 North Side Gregg
4 Phillips Elem.
*12 Severn
6 S. Corning
4 Winfield St.

DELMAR
1 Hampgrael

EGGERTSVILLE
6 Windermere

FELTMILLS
5 Feltmills

FLORAL PARK
*11 Sewanhaka

FREDONIA
3 Campus

HAMLIN
*10 Hamlin

HUNTINGTON STATION
4 Silas Wood

LARCHMONT
*17 Chatsworth Av.

MAMARONECK
*10 Central

MT. VERNON
3 Graham
4 Lincoln

OSWEGO
3 Campus

PAINTED POST
4 Erwin Valley
4 Lindley-Presho
4 Painted Post*
3 Pierce
3 Smith

ST. JOHNSVILLE
9 St. Johnsville

PLATTSBURGH
1 Campus

ROCHESTER
1 Atlantic Av.
1 Blessed Sacrament
*11 Brighton
1 Council Rock
1 Holy Apostles
1 Holy Cross
1 Our Lady of Mt. Carmel
1 Our Lady of Perpetual Help
1 Sacred Heart
2 St. Andrew
1 St. Anne
1 St. Anthony of Padua
1 St. Augustine
2 St. Boniface
3 St. George
1 St. John
1 St. Michael
1 St. Monica
1 Twelve Corners

SYRACUSE
4 Andrews
4 Bellevue
4 Blodgett
4 Brighton
4 Central
4 Cleveland
4 Clinton
4 Croton
4 Danforth
4 Delaware
4 Eastwood
4 Elmwood
4 Franklin
4 Frazer
4 Grant
4 Hughes
4 Huntington
4 Hyde
3 Irving
4 Jefferson
4 LeMoyne
4 Levy
4 Lincoln
4 Onondaga Valley
4 Madison
4 McKinley
4 Meachem
4 Merrick
4 Nichols
4 North
4 Nottingham
4 Porter
4 Prescott
4 Roberts
4 Roosevelt
4 Salina
4 Seymour
4 Smith
4 Sumner
4 Taft
4 Van Duyn
4 Washington
4 Webster

WATERTOWN
2 Academy St.
3 Boon St.
3 Cooper
2 Knickerbocker
3 Lansing
2 Massey
2 Meade
2 Ohio
3 Sherman
2 Starbuck
2 State St.

North Carolina

ALBEMARLE
3 Central

ASHEVILLE
3 Woodfin

BURLINGTON
1 Broad St.
2 Forrest Hill
2 Grove Pk.
3 Hillcrest
1 Holt

BURNSVILLE
1 S. Toe

CHARLOTTE
2 Ashley Park
2 Collinswood
5 Cotswold
3 Hoskins
4 Merry Oaks
3 Oakhurst
2 O'Donoghue
2 Pinewood
5 St. Ann
2 Sedgefield
1 Villa Hts.

DURHAM
2 Bethesda
1 Glenn

FAYETTEVILLE
*11 Massey Hill

GOLDSBORO
1 Meadow Lane

GRANITE FALLS
5 Granite Falls

GRANITE QUARRY
1 Granite Quarry

GREENSBORO
2 Aycook
4 Brightwood
2 Irving Pk.
2 Murphey
1 Page
1 Proximity
1 Our Lady of Grace

HENDERSONVILLE
1 Drysdale
1 Edwards

HICKORY
2 Bradsford
2 Grandview
2 Sweetwater
1 Westmont

HIGH POINT
1 Blair
1 Northwood

JAMESTOWN
2 Jamestown
2 Ragsdale

KINGS MOUNTAIN
2 North

KITTRELL
1 Vance

LANDIS
1 Landis

LEMON SPRINGS
6 Greenwood

LEXINGTON
1 Robbins

LINCOLNTON
2 Park

MADISON
1 Huntsville
1 Madison

MARION
2 Marion

MT. GILEAD
3 Highland

NEW BERN
2 Trent Pk.

RALEIGH
3 Bates
3 Daniels
1 Joyner
1 Morson
2 Olds

REIDSVILLE
1 Bethany

ROCKY MOUNT
2 Bassett
6 Rocky Mount

ROPER
1 Roper

RUFFIN
2 Happy Home

RUTHERFORDTON
1 Rutherfordton

SALISBURY
5 Allen
2 Henderson
2 Wiley

SANFORD
6 Lee
6 New Hope

SPENCER
1 Spencer

STATESVILLE
4 Mulberry St.

WILMINGTON
3 Lake Forest

WINSTON-SALEM
1 Ibraham
1 Moore
2 South Pk.
7 Whitaker

YANCEYVILLE
1 Bartlett Yancey

North Dakota

JAMESTOWN
6 Jamestown

MINOT
1 Air Base
1 Bel Air
1 Central
1 Edison
1 Jefferson
1 Lincoln
1 Longfellow
1 McKinley
1 Roosevelt
1 Sunnyside
1 Washington

Ohio

AKRON
7 Betty Jane
5 Case
7 Forest Hill
3 Fraunfelter
2 Harris
4 Hatton
4 Leggett
2 Lincoln
2 King
4 Margaret Pk.
6 Mason
4 McEbright
6 Portage Path
3 Rankin
2 Rimer
8 Ritzman
2 Robinson
4 St. Hedwig
3 St. Peter
4 Schumacher
8 Seiberling
2 Smith
6 Thomastown

ALLIANCE
1 Coeli
3 St. Joseph

ASHTABULA
3 Mother of Sorrows
1 Our Lady of Mt. Carmel
1 St. John
4 St. Joseph

BARBERTON
3 Decker
4 St. Augustine

BOARDMAN
2 Boardman Jr.
2 Boardman Sr.
2 Market St.
2 Robinwood Lane
2 Stadium Dr.
2 West Blvd.

CAMPBELL
3 McCartney
3 St. John Elem.
4 St. John High

CANAL FULTON
3 St. Philip & James

CANTON
1 Immaculate Conception
1 Our Lady of Peace
3 St. Anthony
1 St. Benedict
2 St. Joan of Arc
3 St. John
1 St. Joseph
3 St. Michael
5 St. Paul
1 St. Peter

CINCINNATI
1 Central Fairmount
3 Cheviot
2 Clovernook
1 Covedale
1 Cutter
2 Hartwell
1 Hyde Park
3 Kilgour
1 Mother of Mercy
1 Mt. Airy
1 N. Avondale
1 Oak Hills
2 Oakley
4 Pleasant Ridge
3 Roselawn
1 St. Ann
2 St. William
2 Swifton
2 Taft
1 Washburn
2 Westwood
2 Withrow
3 Woodward

CLEVELAND
4 Coffinberry
4 Longwood
4 St. Mel

COLUMBUS
1 Maize

CONNEAUT
1 St. Frances

CUYAHOGA FALLS
1 Bolich
2 Broad St.
2 Crawford
1 Cuyahoga Falls
2 Grant
3 Lincoln
1 Newberry
3 Preston
4 Price
2 Richardson
2 Sill

DAYTON
3 Hickorydale
3 Kemp
3 Lewton

EUCLID
4 Erwine
7 Euclid Central
8 Euclid Sr.
1 Forest Pk.
6 Franklin
4 Glenbrook
3 Indian Hills
7 Jefferson
5 Lincoln
5 Memorial Pk.
8 Noble
7 Roosevelt
6 Shore
3 Upson
4 Wells

EAST LIVERPOOL
1 St. Aloysius

EAST PALESTINE
4 Our Lady of Lourdes

GENEVA
4 Assumption B.V.M.

GIRARD
4 St. Rose

HAMILTON
7 Adams
2 Cleveland
*12 Fillmore
6 Grant
2 Harding
*11 Harrison
2 Hayes
1 Immanuel Lutheran
6 Jackson
5 Jefferson
1 Lincoln
4 McKinley
2 Monroe
*12 Pierce
2 Roosevelt
6 St. Joseph
3 St. Mary
1 St. Peter's
2 St. Stephen
2 St. Veronica
1 Taft
*12 Taylor
5 Van Buren
2 Wilson

HUBBARD
1 St. Patrick

KETTERING
3 Beavertown
2 Ernst
3 Greenmont
3 Lane
3 Miller
3 Oakview
3 Orchard Pk.
1 Prass
4 Southdale

LAKEWOOD
3 Grant
*13 Lakewood High
4 Lakewood Lutheran
5 McKinley
2 St. Clement
2 St. Edward
1 St. Luke

LEETONIA
3 St. Patrick

LIMA
3 Edison

LOUISVILLE
1 Sacred Heart of Mary
1 St. Louis

MASSILLON
3 St. Barbara
1 St. Joseph
1 St. Mary

MIDDLETOWN
1 Amanda
1 Amanda Jr.
2 Blue Ball
8 Central
2 Edison
2 Garfield
6 Holy Trinity
8 Jefferson
2 Lemon-Monroe
8 Lincoln
5 Maple Pk.
2 Mayfield
1 McKinley
4 Monroe
6 Oneida
2 Roosevelt
2 St. John
2 Senior
4 Sherman
4 Springhill
8 Taft
8 Wilson
2 Wilwood

NAVARRE
2 St. Clement

NEWTON FALLS
1 St. Mary

NILES
1 Our Lady of Mt. Carmel
1 St. Stephen

NORTH CANTON
1 St. Paul

PARMA
5 Ridge-Brook
4 St. Josaphat

POLAND
3 Holy Family

RAVENNA
1 Immaculate Conception

SALEM
1 St. Paul

STOW
1 Highland

STRUTHERS
3 Fifth St.
3 Highland Av.
3 Lyon Plat
2 Manor Av.
4 St. Nicholas

SUFFIELD
1 St. Joseph

TOLEDO
2 Beverly
2 Birmingham
4 Chase
2 Cherry
1 DeVeaux
2 Elmhurst
1 Franklin
6 Fulton
2 Garfield
2 Glanzman
6 Glenwood
1 Good Shepherd
4 Gunckel
4 Hale
1 Hamilton
6 Heather Downs
5 Holy Rosary
1 Kleis
4 La Grange
2 Larchmont
6 Lincoln
6 Longfellow
1 Marshall
4 McKinley
1 Nativity
2 Oakdale
6 Old Orchard
2 Our Lady of Perpetual Help
2 Patterson
1 Raymer
3 Riverside
6 Roosevelt
1 St. Angela
2 St. Anthony
1 St. Benedict
8 St. Catherine
3 St. Francis
6 St. Hedwig
1 St. Hyacinth
1 St. James
2 St. Mary
1 St. Patrick
6 St. Pius X
4 St. Stanislaus
1 St. Vincent De Paul
2 Sherman
5 Spring
6 Walbridge
5 Warren
5 Washington
6 Westfield
6 Whittier

WAPAKONETA
4 Centennial

WARREN
3 Christ Our King
1 St. Cyril & Methodius
4 St. James
1 St. Mary

WELLSVILLE
1 Immaculate Conception

YOUNGSTOWN
6 Adams
6 Bancroft
4 Bennett
2 Bunn
4 Butler
2 Byzantine
4 Cardinal Mooney
6 Chaney
6 Cleveland
6 Coitsville
6 Covington
6 East High
6 Elm
6 Garfield
6 Grant
6 Harding
3 Harrison
4 Hayes
6 Hillman
6 Holy Name
2 Immaculate Conception
2 Immaculate Heart of Mary
6 Jackson
6 Jefferson
6 Kirkmere
6 Lincoln
6 Madison
6 McKinley
4 Monroe
6 North High
5 Princeton
6 Rayen
4 Richey
1 Rogers
5 Roosevelt
4 Sacred Heart
1 St. Anthony
6 St. Brendan
6 St. Casimir
3 St. Charles
6 St. Christine
6 St. Columba
6 St. Cyril & Methodius
6 St. Dominic
6 St. Edward
4 St. Elizabeth
6 St. Joseph
6 St. Matthias No. 1
1 St. Matthias No. 2
6 St. Patrick
3 St. Peter & Paul
6 St. Stanislaus
4 Science Hill
6 Sheridan
6 South High
6 Stambaugh
6 Taft
5 Horn Hill Av.
6 Tod
6 Ursuline
6 Washington
6 West Elem.
3 West Jr.
4 White
6 Williamson
6 Wilson

Oklahoma

1 Adams
6 Arthur
7 Belle Isle
*11 Britton
7 Bryan
1 Buchanan
6 Burbank
*10 Capitol Hill Jr.
4 Capitol Hill Sr.
6 Carver
4 Classen
8 Columbus
9 Culbertson
6 Davis
7 Edgemere
3 Edison
7 Fillmore
2 Foster
4 Garden Oaks
8 Garfield
8 Gatewood
5 Grant
1 Harding
4 Harmony
8 Harrison
4 Hawthorne
1 Heronville
2 Hillcrest
9 Linwood
8 Nichols Hills
1 Jackson
9 Johnson
*10 Kaiser
3 Lafayette
7 Lee
6 Longfellow
5 Madison
5 Marshall
8 Mayfair
4 McKinley
1 Northeast
4 Pierce
4 Polk
4 Rancho Village
5 Ridgeview
8 Rockwood
3 Ross
1 Sequoyah
3 Shidler
1 Spencer Jr.
2 Spencer Sr.
9 Taylor
4 Twain
5 Tyler
1 Valley Brook
9 Van Buren
4 Washington
3 Watie
2 Westwood
5 Wheeler
5 Willard
1 Willow Brook
3 Wilson
1 Woodson

SAND SPRINGS
1 St. Patrick's

SPENCER
1 Green Pastures

TULSA
6 Addams
6 Alcott
2 Anderson
6 Barnard
5 Bell
1 Bishop Kelley
6 Bryant
6 Bunche
6 Burbank
5 Burroughs
3 Carnegie
4 Carver
1 Cascia Hall
5 Central
6 Cherokee Elem.
6 Cherokee Jr.
4 Chouteau
6 Cleveland
6 Clinton Elem.
5 Clinton Jr.
3 Douglass
6 Dunbar
5 Edison
3 Eisenhower
6 Eliot
5 Emerson
5 Field
4 Franklin
2 Hale
4 Hamilton
6 Hawthorne
5 Henry
5 Holmes
1 Holy Family
4 Hoover
6 Houston
1 Immaculate Conception
5 Irving
4 Jackson
5 Jefferson
5 Johnson
6 Kendall
6 Lanier
5 Lee
5 Lincoln
4 Lindbergh
3 Lindsey
4 Lombard
5 Longfellow
5 Lowell Elem.
5 Lowell Jr.
4 MacArthur
1 Madalene
7 Madison
2 Mann Elem.
5 Mann Jr.
1 Marquette
4 Marshall
2 McBirney
5 McClure
6 McKinley
2 McLain
1 Mitchell
3 Monroe Jr.
1 Monte Cassino
4 Morse
6 Osage
5 Owen
4 Park
6 Penn
6 Pershing
2 Phillips
2 Porter
2 Post
5 Revere
4 Riley
5 Riverview
4 Robertson
3 Rogers
5 Roosevelt
6 Ross
1 St. Catherine's
1 St. Mary
1 St. Monica
1 St. Peter & Paul
1 St. Francis Xavier
6 Sequoyah
6 S. Haven
5 Springdale
2 Taft
4 Tulsa City
5 Twain
5 B. T. Washington
5 George Washington
6 Webster
2 Whitney
5 Whittier
4 Wilson
2 Wright

Oregon

CENTRAL POINT
2 Jewett

EUGENE
4 Willagillespie

GOSHEN
6 Goshen

JACKSONVILLE
2 Jacksonville
2 Ruch

LEABURG
5 Leaburg

MEDFORD
2 Griffin Creek
6 Hedrick
3 Hoover
2 Howard
*11 Jackson
6 Jefferson
*11 Lincoln
2 Lone Pine
1 McLoughlin
5 Oak Grove
*11 Roosevelt
*11 Washington
5 West Side
3 Wilson

MILWAUKIE
2 Battin
1 Harmony
2 Whitcomb

MOHAWK
4 Mohawk

SPRINGFIELD
5 Brattain
4 Camp Creek
1 Goshen
2 Hamlin
5 Maple
3 Mill St.
6 Moffitt
4 Mount Vernon
4 Page
2 Springfield
5 Thurston

WALTERVILLE
4 Walterville

Pennsylvania

ABINGTON
1 Cedar Rd.
5 Highland
5 N. Hills
6 Roslyn

ALIQUIPPA
6 Five Point
4 Jones

ALLENTOWN
5 Central
4 Dodd
2 Franklin
2 Garfield
4 Jefferson
4 Mosser
6 Muhlenberg
3 Sheridan
2 Stevens

BATH
3 Moore Twp.

BETHLEHEM
4 Broughal
3 Buchanan
6 Calypso
5 Central
2 Clearview
6 Donegan
4 Edgeboro
5 Fairview
3 Franklin
4 Hamilton
5 Jefferson
5 Lafayette
5 Lincoln
5 Madison
1 Marine
5 Monocacy
6 Nitschmann
6 Packer
5 Penn
6 Rosemont
2 Spring Garden
4 Wolf

BIRDSBORO
4 Robeson Twp.

CLEARFIELD
5 Hillsdale

CRANBERRY
1 Salina

DELTA
3 Delta-Peach Botton

DU BOIS
1 St. Catherine

EASTON
4 Centennial
5 Cottingham
1 Eastern
5 Forks
5 Franklin
1 Hay
5 March
2 Packer
5 Porter
3 Shull
1 Stevens
4 Taylor
1 Trail Green
5 Vanderveer
4 Webster
6 Wilson
6 Wolf

EAST STROUDSBURG
9 Campus
2 E. Stroudsburg

ELKINS PARK
3 McKinley

ERIE
*12 Academy
7 Burns
8 Burton
7 Cleveland
*10 Columbus
3 Connell
7 Diehl
9 East
7 Edison
*12 Emerson
8 Garfield
8 Glenwood
7 Gridley
9 Hamilton
8 Harding
3 Holy Family
3 Holy Rosary
8 Irving
7 Jefferson
8 Jones
9 Lincoln
7 Longfellow
8 Marshall
8 McKinley
5 Memorial
6 Montclair
*11 Penn
*11 Perry
4 Ridgefield
8 Roosevelt
3 St. Andrew
3 St. John's
2 St. Joseph
2 St. Patrick
*12 Strong-Vincent
*12 Technical
9 Washington
*10 Wayne
8 Wilson

FORD CITY
3 Bethel Twp.

GRANTVILLE
5 E. Hanover

GROVE CITY
4 Central
3 Lincoln
2 Washington

HAZLETON
3 St. John's

JOHNSTOWN
4 Bheam
2 Central
3 Chandler
4 Chestnut
2 Cochran
3 Coopersdale
4 Dibert
2 Garfield
4 Horner
4 Hudson
2 Johns
4 Maple Pk.
4 Meadowvale
4 Oakhurst
4 Oakland
4 Osborne
4 Park Av.
4 Riverside
4 Roxbury
4 St. John
3 Sheridan
4 Somerset
3 Tanneryville
4 Union
4 Village
4 Washington
4 Woodvale

KITTANNING
3 Garrets Run
4 Pine Hill

LAMAR
4 Porter Twp.

LAMPETER
5 Lampeter-Strasburg

LANSDALE
6 Oak Pk.
6 York av. & Oak Pk.

LEBANON
3 Garfield

LOCK HAVEN
1 McGhee

OIL CITY
1 Grant St.
4 Hasson Hts.

PHILADELPHIA
7 Adaire
6 Alcorn
3 Allen
5 Allison
6 Audenried
6 Barratt
3 Bartlett
2 Barton
6 Bartram High
3 Birney
8 Blaine
7 Bregy
8 Bridesburg
5 Brooks
8 Brown
7 Carroll
2 Carver
8 Cassidy
7 Catharine
7 City Ctr.
7 Chandler
4 Childs
8 Cleveland
4 Comly
5 Cook
3 Cooke
5 Conwell
2 Cramp
4 Creighton
7 Crossan
4 Darrah
7 Day
6 Dick
5 Dobbins
8 Douglas
5 Drew
1 Durham
6 E. Falls
5 Edmunds
1 Elkin
4 Ellwood
4 Elverson
7 Emlen
7 Fairhill
7 Fels
6 Feltonville
7 Ferguson
8 Finletter
8 Fitler
1 Fitzpatrick
8 Fitzsimons
1 Frankford
7 Franklin
3 Furnen
5 Gideon
4 Gompers
8 Hackett
7 Hanna
6 Harrison
3 Henry
3 Heston
7 Holmes
1 Hopkinson
4 Howe
7 Huey
7 Hunter
7 Jackson
6 A. S. Jenks
4 John Jenks
2 Kane
3 Kearny
3 Kenderton
1 Keyser
5 Kinsey
8 Lamberton
3 Landreth
7 Lawndale
3 Lawton
6 Leeds
3 Lehigh
8 Leidy
8 Longfellow
8 Longstreth
6 Lowell
6 Ludlow
5 Mann
3 Marshall
3 Martin
3 Mastbaum
1 Masterman
4 Mayfair
7 McCall
8 McCloskey
7 McClure
2 McDaniel
8 McIntyre
5 McMichael
7 Meade
3 Miller
7 Moore
6 Morris
7 Morrison
8 Morton
7 Northeast
*16 Patterson
4 Paxson
8 T. Peirce
3 W. Peirce
1 Penn
8 Pennell
7 Penn Treaty
4 Pennypacker
6 Poe
3 Potter
6 Read
5 Reynolds
7 Richmond
6 Rhoads
7 Roxborough
3 Sayre
3 Shaw
7 Sheppard
4 Sheridan
2 Shoemaker
4 Solis-Cohen
8 Southwark
7 Spruance
7 E. M. Stanton
8 M. H. Stanton
7 Stetson
5 Sulzberger
4 Taylor
6 Thomas
7 Tilden
8 Walton
2 Wanamaker
2 G. Washington
2 M. Washington
3 Wheeler
5 Webster
7 Widener
3 Willard
7 A. Wilson
7 W. Wilson
5 Wissahickon
2 Wister
3 Wright
3 Ziegler

PITTSBURGH
7 Allegheny Voc.
7 Allen
1 Arlington
4 Arsenal Elem.
7 Arsenal
4 Arsenal Girls Voc.
5 Banksville
6 Baxter
7 Beechwood
7 Belmar
7 Baltzhoover
5 Boggs Av.
1 Bon Air
7 Brookline
7 Burgwin
7 Carmalt
1 Carrick
1 Chartiers
4 Chatham
7 Clayton
7 Colfax
7 Columbus
7 Concord
6 Connelley
1 Conroy
7 Cowley
7 Crescent
7 Dilworth
2 E. Carnegie
7 East Park
7 East St.
3 Fairview
4 Fairywood
3 Fifth Av.
7 Fineview
7 Forbes
6 Ft. Pitt
7 Frick
7 Friendship
7 Fulton
7 Gladstone
7 Greenfield
4 Halls Grove
5 Hays
7 Hill
7 Holmes
3 Homewood
7 Knoxville
7 Larimer
1 Latimer Jr.
1 Lee
7 Lemington
7 Letsche
7 Liberty
4 Lincoln
7 Linden
3 Madison
2 Manchester
7 Mann
4 McCleary
7 McKelvy
3 McNaugher
5 Mifflin
5 Miller
4 Minadeo
7 Morningside
7 Morrow
7 Morse
6 Murray
4 Oakwood
4 Oliver
3 Oscrola
7 Overbrook
3 Park Pl.
3 Phillips
1 Pioneer
7 Prospect
7 Regent Sq.
5 Rogers
2 Roosevelt
2 Schaeffer
7 Schiller
7 Sheraden
7 South High & Voc.
1 S. Hills
7 Spring Garden
6 Spring Hill
7 Sterrett
4 Stevens
7 Sunnyside
3 Swisshelm
5 Vann
4 Washington
7 Webster
1 Weil
4 Westinghouse
7 W. Liberty
2 Westwood
7 Whittier
2 Wightman
6 Woods Run
4 Woolslair

SCRANTON
5 Audubon
5 Bancroft
1 Cooper
1 Farragut
1 Garfield
3 Girard
4 Grant
5 Hamilton
3 Hebrew Day
3 Henry
1 Jackson
3 Jefferson
4 Kline
1 Lafayette
3 Lincoln
5 Madison

1 Monroe
1 Morris
4 Nativity
1 St. Peter's
1 St. Stanislaus
6 Summers
1 Webster
1 Willard
6 Wilson

TRUCKSVILLE
4 Trucksville

VALENCIA
4 Middlesex

YORK
2 Davis
5 Devers
2 Ferguson
4 Goode
5 Franklin
2 Hartley
2 Jackson
3 Jefferson
2 Lincoln
6 Madison
3 McKinley
2 Noell
3 Penn
5 Ridge Av.
4 Roosevelt
5 Wilson

Rhode Island

PROVIDENCE
1 Howland
4 Oxford St.

South Carolina

CHARLESTON HEIGHTS
1 Garrett

COLUMBIA
2 Belvedere
1 Montclair
5 Satchel Ford Rd.

NORTH CHARLESTON
5 N. Charleston

SPARTANBURG
5 Fremont

South Dakota

HURON
4 McKinley
3 Washington

SIOUX FALLS
4 Addams
4 Axtell Pk.
6 Bancroft
4 Bryant
4 Cathedral
4 Christ the King
4 Cleveland
6 Field
6 Franklin
3 Garfield
6 Gen. Beadle
1 Henry
4 Irving
6 Jefferson
6 Lincoln
6 Longfellow
6 Lowell
6 Mann
4 St. Mary
6 Twain
4 Wilder

Tennessee

CHATTANOOGA
1 Eastdale
2 St. Jude
3 White Oak

DONELSON
7 Stanford

GOODLETTSVILLE
6 Goodlettsville

JOHNSON CITY
4 N. Side

MADISON
3 Chadwell
8 Stratton

NASHVILLE
1 Baxter
5 Berry
6 Bordeaux
5 Crieve
1 Cumberland
1 Dalewood
5 Glendale
1 Gra-Mar
1 Hickman
5 Hill
6 Inglewood
1 King's Lane
5 McGavock
1 Pennington
6 Shwab
6 Whitsitt
6 Woodbine

OLD HICKORY
9 DuPont
6 Jackson

KINGSPORT
4 Bell Ridge
*13 Jackson
*10 Lincoln
*12 Washington-Lee

KNOXVILLE
2 Bell
2 Chilhowee
4 Flenniken
*10 Fulton
2 Holy Ghost
3 Lockett
5 Mooreland Hts.
4 Oakwood
4 Perkins
1 Pond Gap
5 Rocky Hill
5 Shannondale
2 Sterchi

LOUDON
4 Loudon

MEMPHIS
1 Buclair
4 Charjean
5 Dunbar
1 Ford Rd.
2 Georgian Hills Elem.
1 Georgian Hills Jr.
1 Haven View
4 Holy Name
1 Melrose Elem.
4 Melrose High
1 Mitchell Rd.
4 Prospect
1 Rozelle
1 St. Anne
2 St. John's
2 St. Michael
1 Scinic Hills
1 Shannon
5 Sharpe
1 Weaver

NASHVILLE
7 Buena Vista
7 Caldwell
4 Cameron
7 Carter-Lawrence
5 Cavert
4 Clemons
4 Cockrill
*11 Cotton
6 Eakin
5 East Jr.
8 Elliott
1 Fehr
6 Glenn
4 Head
5 Johnson
5 Jones
3 Lockeland
7 McCann
4 McKissack
5 Meigs
1 Murrell
7 Napier
7 Park Av.
3 Pearl
4 Ransom
4 Sylvan Pk.
7 Warner
1 Wharton

OAK RIDGE
*16 Cedar Hill
*16 Elm Grove
7 Glenwood
*16 Highland View
*16 Jefferson
1 Linden
*16 Pine Valley
7 Robertsville
*16 Scarboro
*16 Willow Brook
*16 Woodland

SOUTH PITTSBURG
4 S. Pittsburg

Texas

AMARILLO
4 Avondale
7 Bivins
6 Coronado
1 Eastridge
7 Emerson
3 Fannon
5 Glenwood
6 Hilltop
7 Lamar
6 Landergin
5 Lawndale
6 Lee
2 N. Heights
1 Oak Dale
5 Paramount Terrace
1 Ridgecrest
6 Rogers
7 Sanborn
6 S. Lawn
7 Summit
7 Sunrise
3 Travis
5 Whittier
7 Wills
4 Wilson
7 Wolflin

DENTON
7 N. Texas Lab.

DALLAS
4 Adams
3 Alamo
4 Allen
3 Anderson
3 Arlington Pk.
2 Attucks
4 Austin
4 Blanton
4 Bonham
4 Bowie
7 Bryan
4 Budd
5 Burleson
6 Burnet
5 Bushman
3 Cabell
3 Caillet
3 Carver
4 Casa View
1 City Pk.
4 Colonial
4 Crockett
5 Darrell
4 Davis
4 Dealey
2 DeGolyer
1 Dunbar
4 Earhart
4 Edison
3 Ervin
4 Fannin
7 Field
2 Foster
4 Gill
6 Hall
4 Harllee
4 Hassell
2 Hawthorne
1 Hay
6 Henderson
4 Hexter
7 Hogg
4 Hooe
4 Ireland
4 Johnston
5 Jones
1 Juarez
2 Kiest
1 Knight
3 Kramer
6 Lakewood
4 Lanier
4 R. E. Lee
1 U. Lee
7 Letot
3 Lisbun
4 Longfellow
4 Macon
4 Maple Lawn
4 Milam
4 Miller
7 Mills
3 Oliver
3 Pease
1 Peeler
4 Pershing
3 Polk
4 Preston Hollow
4 Reagan
1 Reilly
3 Rhoads
2 Rice
4 Rogers
4 Rosemont
2 Sanger
4 Silberstein
1 Starks
4 Stevens Pk.
2 Stone
4 Terry
3 Thompson
4 Travis
4 Truett
4 Twain
6 Urban Pk.
1 Vickery
3 Walnut Hill
3 Wheatley
4 Williams

EL PASO
5 Ascarate
4 Bel Air
5 Cadwallader
3 Cedar Grove
1 Dolphine Terrace
5 Hacienda Hts.
5 Loma Terrace
5 Manor
5 N. Loop
3 Parkland
5 Ramona
5 Ranchland Hills
1 Sageland
3 Scotsdale
3 S. Loop
5 Ysleta Elem.
5 Ysleta High

FT. WORTH
6 Austin
2 Birdville
6 Brae
4 Carroll Peak
3 Carter Pk.
1 Carver
3 Circle Pk.
6 Como
*11 Crestwood
1 Daggett
*11 Diamond Hill
6 Dillow
5 Dunbar Elem.
4 Dunbar Jr.
4 Dunbar Sr.
3 Eastern Hills
1 Forest Oak
2 Francisco
1 Glen Pk.
1 Green
4 Hogg
6 Hubbard Hts.
4 Kirkpatrick
2 Littles
5 McCoy
1 Meadowbrook
2 Moore
3 Nash
1 Ninth Ward
4 N. Richland
3 Oak Knoll
6 Phillips
4 Quinn Elem.
6 Quinn Jr.
5 Ridglea Hills
2 Riverside
1 Rosedale Pk.
6 Sagamore Hill
6 St. George
5 St. Thomas
1 Shulkey
3 S. Ft. Worth
1 S. Hills
5 S. Hi Mount
4 Springdale

5 Sunrise
6 Tandy
1 Technical
2 Turner
1 Village Creek
2 Washington Hts.
2 Waverly Pk.
1 Westcliff
3 W. Handley
2 W. Van Zandt
2 White
4 Worth Hts.
4 Wycliff

HOUSTON
3 Alamo
4 Alcott
3 Allen
4 Almeda
1 Anderson
2 Austin
2 Barrick
3 Bastian
1 Berry
2 Black
2 Blackshear
2 Bonner
2 Braeburn
4 Brays Bayou
2 Brock
2 Brookline
3 Browning
3 Bruce
2 Burbank Elem.
4 Burbank Jr.
5 Burnet
3 Burrus
4 Cage
3 Clinton
2 Condit
2 Cooley
2 Coop
1 Cornelius
4 Crockett
3 Cunningham
1 Davis
4 Deady
5 DeChaumes
4 DeZavala
3 Dodson
5 Dogan
1 Douglass
2 Dunbar
1 Durkee
2 Easter
3 Eighth Av.
2 Eliot
1 Fannin
2 Field
2 Fondren
2 Fonville
5 Foster
2 Franklin
2 Fullerton
2 Garden Oaks
3 Garden Villas
2 Golfcrest
3 Gordon
2 Grady
2 Gregg
5 Grimes
2 Hamilton
2 Harper Elem.
2 Harper Jr.
1 J. R. Harris
1 R. P. Harris
5 Hartsfield
3 Harvard
3 Helms
6 J. P. Henderson
4 N. Q. Henderson
5 Highland Hts.
4 Hohl
4 Holden
4 Horn
2 Houston Gardens
2 Jackson
5 Janowski
2 Johnston
2 Kashmere Gardens Elem.
3 Kashmere Gardens Jr.
2 Kelso
1 Kolter
2 Lamar
2 Langston
3 Lanier
2 Lee
2 Lewis
2 Lockett
4 Long
5 Longfellow
2 Looscan
2 Love
4 Lubbock
2 MacGregor
2 Mading
4 Memorial
2 Milam
2 Miller
1 Montgomery
4 Montrose
5 Oak Forest
3 Oates
1 Osborne
3 Patterson
3 Piney Point
2 Pleasantville
2 Poe
2 Port Houston
2 Pugh
1 Reagan
2 Red
2 Reynolds
3 Rhoads
3 Richmond
2 River Oaks
2 Roberts
5 Rogers
5 Roosevelt
2 Ross
1 Rusk
3 Ryan
1 Sanderson
2 San Jacinto
2 Scarborough
2 Scott
5 Shearn
5 Sherman
2 E. O. Smith
2 K. Smith
2 Southland
5 Southmayd
5 Stevens
1 Stevenson
5 Sunny Side
2 Sutton
1 Travis
2 Twain
1 Waltrip
2 B. T. Washington
2 G. Washington
4 Wesley
1 Wharton
2 Wheatley
2 Whidby
1 Windsor Village
2 Whittier
1 Worthing
3 Yates

LUBBOCK
4 Arnett
4 Atkins
4 Bayless
5 Bean
4 Bozeman
4 Brown
4 Carter
2 Dunbar Jr.
2 Dunbar Sr.
4 Dupre
6 Ella Iles
5 Guadalupe
4 Harwell
4 Hodges
4 Hunt
4 Hutchinson
4 Jackson
8 Lubbock
4 Maedgen
4 Matthews
3 McWhorter
4 Monterey
4 North Av.
3 Overton
3 Parsons
5 Posey
5 Rush
5 Sanders
4 Slaton
2 Southeast
2 Special
2 Stewart
4 Stubbs
4 Thompson
2 Trainable
4 Wheatley
4 Wheelock
4 R. Wilson
3 S. Wilson
4 Wolffarth
4 Wright

MERCEDES
1 North Elem.
1 Mercedes Jr.
1 Mercedes Sr.
1 Taylor
1 Travis
1 West Elem.

PALESTINE
1 Houston
1 Lamar
1 Milam
1 Reagan
1 Rusk

SAN ANTONIO
1 Madison

WICHITA FALLS
5 Alamo
5 Austin
4 Barwise
4 Bonham
5 Bowie
6 Carrigan
6 Crockett
5 Cunningham
5 Fain
6 Fannin
5 Franklin
5 Harrell
2 Holland
6 Houston
5 Huey
2 Jefferson
5 Lamar
6 McGaha
4 Milam
4 Our Lady Queen of Peace
6 Reagan
5 San Jacinto
6 Sheppard
4 Travis
3 Washington Elem.
3 Washington Jr.
3 Washington Sr.
5 Wichita Falls
6 Zundelowitz

Utah

ALPINE
2 Alpine

AMERICAN FORK
1 American Fork Jr.
2 American Fork Sr.
1 Greenwood
3 Harrington

BOUNTIFUL
1 Adelaide
1 Boulton

BRIGHAM
2 Perry

BRIGHAM CITY
2 Bunderson

CEDAR FT.
4 Cedar Valley

CLEARFIELD
2 Clinton
1 S. Clearfield
3 Wasatch

COPPERTON
4 Bingham Central
4 Bingham High
2 Copperton

CRESCENT
4 Crescent

DRAPER
4 Draper Pk.

GRANGER
4 Granger

HONEYVILLE
2 Honeyville

HYRUN
1 S. Cache

KEARNS
1 Gourley

LARK
4 Lark

LAYTON
1 Syracuse
4 Whitesides

LEHI
1 Lehi Elem.
1 Lehi High

LOGAN
5 Adams
1 Bowen
4 Ellis
4 Logan Jr.
1 N. Logan
4 Wilson
7 Woodruff

MAGNA
1 Magna

MENDON
3 Mendon

MIDVALE
4 Midvale Elem.
5 Midvale Jr.
1 Midvalley
4 Union

MILFORD
1 Milford

MILVILLE
1 Millville-Nibley

OGDEN
4 Bonneville Elem.
4 Bonneville
1 Club Hts.
2 Dee
6 Grant
5 Hopkins
4 Lewis
3 Lincoln
1 Lomond
1 Lovin Farr
3 Lynn
7 Mann
1 Mt. View
1 Ogden Jr.
5 Polk
6 Pingree
5 Quincy
3 Smith
4 Taylor
6 Wasatch
2 Washington Elem.
2 Washington Jr.
4 Wilson

OREM
2 Hillcrest
1 Lincoln
2 Orem

PARADISE
1 Paradise

PAYSON
1 Payson Jr.
2 Peteetneet
3 Taylor
2 Wilson

PROVIDENCE
5 Providence

PROVO
1 B.Y.U. LAB.
*10 Central Utah Voc.

RIVERTON
4 Herreman
4 Riverton
2 S. Jordan

ROY
2 North Pk.
2 Roy Jr.

ST. GEORGE
2 St. George

SALT LAKE CITY
2 Blaine
1 Cottonwood
1 Cottonwood Hts.
3 Dilworth
1 E. Millcreek
2 Edward
5 Emerson
1 Evergreen
1 Glendale
5 Grandview
3 Highland
5 Hillside
1 Jackson
3 Jordan
5 Lowell
1 Mill Creek
4 Mountview
3 Newman
2 Penn
4 Roosevelt
1 Rosecrest
3 Rosslyn Hts.
2 South
5 Webster
3 West
1 Woodstock

SANDY
2 Edgemont
4 Jordan

SANTAQUIN
1 Santaquin

SPANISH FORK
2 Central

SPRINGVILLE
2 Jefferson
2 Westside

SUNSET
1 Sunset

VERNAL
1 Central
1 Maeser

WASHINGTON TERRACE
2 Roosevelt

WELLSVILLE
1 Floradell
2 Wellsville

WEST JORDAN
4 W. Jordan Elem.
3 W. Jordan Jr.

Virginia

BRIDGEWATER
1 Bridgewater

ELKTON
1 Elkton

FRONT ROYAL
1 Front Royal

HAMPTON
3 Aberdeen
3 Armstrong
3 Asbury
3 Bethel
3 Bryan
3 Buckroe
3 Cary
1 Copeland
3 Greenbriar
3 Langley View
2 Mallory
3 Moton
3 Phenix
3 Phoebus
4 Sinclair
3 Thomas
3 Union
3 Willis
3 Wythe Elem.
3 Wythe Jr.

MT. CLINTON
1 Mt. Clinton

NEWPORT NEWS
3 Denbigh
3 Dunbar
2 Magruder
3 Newsome Pk.
4 Washington
5 Wilson

NEW MARKET
1 New Market

RICHMOND
1 Bellevue
2 Buchanan
4 Carver
3 Cary
4 Chimborazo
3 Fairfield Ct.
2 Fairmount
2 Graves
1 Scott
1 West End
3 Whitcomb Ct.

Washington

CHENEY
5 Campus

EPHRATA
2 Columbia Ridge
2 Grant
2 Parkway

KENT
1 Covington
1 East Hill
1 Kent Jr.
1 Kent-Meridian
1 Meridian Elem.
1 Meridian Jr.
1 O'Brien
1 Panther Lake
1 Scenic Hill
1 Thomas
1 Valley

KIRKLAND
1 Lakeview

LAKE STEVENS
5 Mt. Pilchuck

REDMOND
2 Redmond

SEATTLE
8 Blaine
1 Broadview
5 Crown Hill
1 Haller Lake
1 Ingrahan
1 Jefferson
*14 Magnolia
4 Our Lady of Fatima

West Virginia

BAYNARD
2 Baynard

COALTON
2 Coalton

GRANTSVILLE
1 Calhoun Ct.

GRIFFITHVILLE
2 Duval

LOGAN
1 Justice
3 Logan
1 Stirrat

MILTON
1 Milton

MT. GAY
1 Mt. Gay

PARKERSBURG
1 Emerson
1 Hamilton
1 Jefferson
1 Lincoln
1 McKinley
1 Nash
1 Park
1 VanDevender
1 Washington

NEWELL
1 Wells

WELLSBURG
1 Wellsburg

Wisconsin

BELOIT
6 Burdge
6 Converse
6 Cunningham
6 Gaston
6 Hackett
5 Lincoln
6 Merrill
6 Parker
6 Robinson
3 Roosevelt
6 Royce
6 Strong
6 Todd
6 Waterman
6 Wright

FT. ATKINSON
2 Barrie
2 Caswell
2 Emery Jr.
2 Emery Sr.
2 Ft. Atkinson
2 Hoard
2 Purdy
2 Rockwell

GREEN BAY
2 Beaumont
*10 Chappell
*10 Elmore
*10 Ft. Howard
*10 Franklin
*10 Green Bay E.
*10 Green Bay W.
1 He-Nis-Ra
*10 Howe
*10 Jackson
*10 Jefferson
*10 Lincoln
*10 Nicolet
*10 Norwood
*10 Roosevelt
*10 Tank
*17 Vocational
*10 Washington
*10 Whitney

KENOSHA
5 Durkee
5 Forest Pk.
6 Frank
6 Jefferson
5 Weiskopf

MADISON
*14 Central Jr.
*14 Central Sr.
*14 Cherokee
*14 Cherokee Jr.
*14 Dudgeon
*14 East Side Jr.
*14 East Side Sr.
*14 Emerson
*14 Franklin Elem.
*14 Franklin Jr.
*14 Hawthorne
*14 Hoyt
1 Lakewood
*14 Lopham
*14 Lincoln
*14 Longfellow
*14 Lowell
*14 Marquette
*14 Mendato
*14 Midvale
*14 Nakoma
*14 Odana
*14 Orchard Ridge
*14 Randall
*14 Schenk Elem.
*14 Schenk Jr.
*14 Sherman Elem.
*14 Sherman Jr.
*14 Spring Harbour
*14 Sunnyside
*14 Van Hin Elem.
*14 Van Hin Jr.
*14 Washington
*14 West Jr.
*14 West Sr.

MANITOWOC
8 Adams
8 Cleveland
8 Franklin
8 Garfield
8 Jackson
8 Jefferson
8 Lincoln
8 Madison
8 McKinley
8 Washington
8 Wilson

MILWAUKEE
4 Curtin
5 53rd St.
5 Lee

OSHKOSH
6 Cook
4 Dale
6 Franklin
6 Jefferson
5 Lincoln
6 Longfellow
6 Merrill Elem.
6 Merrill Jr.
5 Oaklawn
6 Read
6 Roosevelt Elem.
6 Roosevelt Jr.
3 St. Vincent
6 Smith
1 S. Park Elem.
1 S. Park Jr.
6 Stanley
6 Washington

RACINE
3 Holy Name
4 Pratt
6 Roosevelt
3 St. Mary's

ST. FRANCIS
3 Willow Glen

SHEBOYGAN
5 Cooper
5 Farnsworth
4 Franklin
5 Grant
4 Jefferson
1 Lincoln
5 Longfellow
5 Lyman
4 Madison
4 Sheridan
5 Washington
3 Wilson

SPOONER CITY
6 Earl
6 Hammill
6 Lampson
6 Mann
6 Sarona
6 Scott
6 Spooner City
6 Spooner Jr.
6 Springbrook
6 Trego
6 Twin Lakes

SUPERIOR
4 Ericsson

TWO RIVERS
4 Koenig

WAUSAU
1 Central-Washington
5 Franklin
6 Grant
2 Jefferson
4 Jones
1 Lincoln
1 Longfellow
6 Mann
5 Marshall

WEST ALLIS
4 Mitchell

Schools Overseas

NEW YORK (APO)
2 Bushey Hall

DHAHRAN, SAUDI ARABIA
4 Senior Staff

HONOR ROLL REQUIREMENTS

For the first year of participation, the National Safety Council does not attempt to outline a specific program. However, enough items on the evaluation check list must be checked to indicate a well-rounded program. This is considered a trial period during which the school prepares itself to meet the standards for continued honor roll recognition.

Years 2-5

All of the following items plus any three others on the list are required.

1. Designate one person in building to channel safety information from school system safety education supervisor to teaching staff.
2. Have an active safety program among school patrons.
3. Arrange safety exhibits or safety bulletin boards.
4. Have a junior safety council or other student safety group which conducts suitable safety activities throughout the school year (exhibits, assemblies, clean up campaigns).
5. Participate in periodic surveys to review conditions and needs in school crossing protection with participation by official agencies and lay groups, and as a result, provide and instruct school safety patrols, and/or adult crossing guards, and/or police officers.
6. Use monthly safety lessons and posters.
7. Arrange special safety instruction for holidays, such as: Halloween, Christmas, Memorial Day, Fourth of July.
8. Conduct an average of one fire drill a month during school year at unannounced times and under varying conditions which simulate actual fire situations, including blocked exits, which results in complete evacuation in two minutes or less.
9. Cooperate in a pedestrian instruction program.
10. Conduct regular safety inspections of school buildings and grounds, eliminate hazards and use state and local authorities for inspections.
11. Ascertain that building conditions and fire safety activities are in compliance with state and local legal requirements and recommended standards of the National Fire Protection Association and the National Board of Fire Underwriters; school officials must take action to correct conditions and practices found deficient.
12. Cooperate in preparation of the community's report for the Annual Inventory of Traffic Safety Activities; American Automobile Association Pedestrian Protection Contest; the Inter-Chamber Fire Waste Contest of the Chamber of Commerce; the National High School Driver Education program.

Years 6-9

All of the above plus the following are required.

1. Develop special safety activities materials. (Beginning with year six, exhibits or samples of these materials must accompany check report. Exhibit may consist of courses of study; minutes of safety meetings, inspection forms, radio scripts, copies of articles appearing in newspapers, school papers, magazines such as SAFETY EDUCATION; reports of safety assemblies, plays, safety instructions to teachers, reports of special activities).
2. Have students formulate a code for safe living.
3. In secondary schools, carry on an extensive program of student projects and activities to improve traffic safety in and around the schools (such as: student traffic surveys, need for student parking areas).
4. Have a good safety program including instruction in school, recreation, traffic, fire, and home safety.
5. Cooperate in a bicycle safety program—including travel to and from school, parking, care of bicycle, etc.
6. Participate in Standard Student Accident Reporting, use summaries in the safety instruction program and distribute them to school personnel.

Years 10-14

All of the above plus the following are required.

1. Hold at least two safety assemblies.
2. Have student groups visit: a. fire department, b. police department or traffic engineering department, c. traffic court.
3. In secondary schools, provide a course in driver education.
4. Furnish a safety speaker to community organizations (student or teacher).

15 Years and Over

All of the above plus the following are required.

1. Contribute to or cooperate in a system-wide preparation of a safety manual or course of study.
2. Publicize description of safe practices in the school newspaper, local newspapers, SAFETY EDUCATION or other magazines, newsletters, or on radio or television programs.
3. Cooperate in community safety activities (such as: Fire Prevention Week, Clean-up Week).

A safety program tailor made to the measure of a school's special needs.

by Ruth Higgins

Running between the raindrops with raincoats over their heads, these boys had a serious collision. To find solutions, students re-enact accidents.

Plan Safety With Statistics

ANY FACT book can supply statistics on the most common types of school age accidents —what they are, when and where they usually happen. With book in hand, a safety education program that hits the high-accident spots can be devised. And it will probably work effectively.

But it's better to get to the heart of the matter. In planning my safety education program, I try to see that it is custom-made to the school's measurements. And the school accident reports are the basic cloth from which the plan is woven.

Pinpoint danger areas

When I was moved to a new school several years ago, I made a quick survey of the accident records for recent years. An urgent need to continue emphasis on traffic safety became apparent. At one crossing, three children had been injured—despite the fact that a police woman was stationed there.

Bike safety problems

A glance at the well filled bicycle shed made me wonder about bike safety. The accident reports left no doubt. One child had been hurt because he looked back while riding and hit a parked car; a girl fell when she rode over an obstruction; riding in heavy traffic, an eight-year-old got excited when a horn blew, and turned into the path of a car; another boy fell and was hurt when the pedal came off his bike. All of these happened in one school year.

We started bicycle instruction in the classroom and were delighted when a businessmen's club offered to cooperate with the police and our PTA safety chairman in a bicycle inspection. The men came themselves to help the police and seemed to enjoy the event as much as the 85 children who brought their bicycles.

Ruth Higgins is principal of the Frayser Elementary School, Louisville, Ky.

Each child ran his wheel through a lane where it was inspected for mechanical deficiencies. If there were any, the child was given a list so that he could have them corrected. The police showed a film and gave a test on the information it contained. I was sure that this procedure would be helpful; but would it decrease our bicycle accidents?

It did. At the end of the year, only one had been reported and it happened the last weekend before summer vacation. One of the patrols, unable to say no to an "older" boy, allowed a high school student to persuade him to ride two on a bike down a hill.

Students take action

Maybe it's just a natural interest in horror stories, but the children on our school's safety council often yielded to the temptation to be tattlers and tellers of tall tales. Hoping to focus their attention on problems for which they could suggest solutions, we decided to give them the individual accident reports and put them to analyzing them.

The response was spontaneous and highly enthusiastic. They immediately took it for granted that most accidents could be prevented and suggestions flew thick and fast.

As reports came in, discussions on prevention were quite lively. Was the cause an unsafe situation or an unsafe practice? How could it have been prevented? Children were challenged to call upon their resources for problem solving.

Discussions bring solutions

Sometimes mistaken concepts were clarified . . . one accident card reported an injury to a small boy who was riding in the back seat of a car which was struck from behind. One student commented: "If he had been wearing a safety belt he wouldn't have been hurt."

Another said, "If the car had caught on fire while he was strapped in with one of those things, he couldn't have gotten out. He would have fried just like an egg."

"Not any more," the first boy retorted, "the new belts fly open when you touch a button."

Often several solutions were offered. A boy and girl were carrying a garbage can into the alley, the boy walking behind the girl. He released his end to open the gate, and the heavy can cut the little girl's heel so badly that she missed school.

Thinking over the problem, the safety council suggested that the children open the gate before starting, or that they walk side by side when carrying the can, or that the boy simply inform the girl of his intention so that both could put the can on the ground until the gate was open. All suggestions were duly recorded.

The students gave common sense advice too. A sixth-grade girl who suffered a "jammed finger" while playing ball was advised to curve her fingers slightly to ease resistance. And a two-boy collision, caused by students wearing raincoats over their heads to protect them from a shower, and resulting in injuries serious enough to require stitches, could have been avoided, the children decided, if the boys had walked more slowly, and kept the raincoats out of their eyes.

Student-made statistics

Proud of their year's work, the safety council decided to summarize their information. They discovered that 18 accidents had happened at home, eight in other places, five on school grounds, and eight others on the way to and from school.

Boys had 27 accidents while girls had 12. "It's not that we're more careless," said the boys, "just more daring."—"More reckless," said the girls.

At the beginning of the year, when the safety council began accident analysis, they had been certain that the slick winter months would be the most dangerous. To the contrary, they found that the most accidents happened in April and October.

Home accidents involve PTA

Since most accidents happened either at home or in a place where responsibility for safety rested with parents, the children thought our PTA might be interested. With this in mind, I took another look at the accident cards to find what items would have special significance for parents. At least four play accidents involved puncture wounds; three children were cut by broken glass, four fell when the limb of a tree broke, two were hurt by balls, etc.

Between school and home, three children

Look Ma, no hands! Bike safety instruction showed students the wisdom of avoiding antics like this.

sustained injuries when they fell on ice, one tripped and broke her arm, one ran into a tree, three were hurt in an automobile collision.

There is room for some general conclusions as well as specific means of prevention in the picture these accidents present. There is plenty of safe playground space to substitute for playing in the street. Our families live in their homes for several years and can see that glass is removed from their yards. A committee will probably wish to examine the corner where the automobile collision occurred, to see whether markers are in order. There are ways to prevent slipping on ice. Classroom teachers will help with instruction in regard to handling play equipment.

Accident repeaters studied

I am now starting another study with the accident cards: a cumulative accident record for repeaters. I am surprised at what I am finding. One child, for instance, has gone to the doctor for three consecutive years for the same kind of accident. For three years straight, another boy has managed to have an unusual accident, the latest being a puncture wound from sitting on a pair of antlers! Several have been repeaters because they were doing definitely unsafe things, jumping from a high brick wall to the sidewalk, wrestling on a concrete floor, engaging in rock throwing battles. Others are the victims of conditions in the home which remain unsafe year by year—nails which protrude from wooden beds, swings too close to barbed wire fences, broken glass in yards. Where these unsafe conditions occur, I find brothers and sisters are being hurt too.

The teacher and the TV

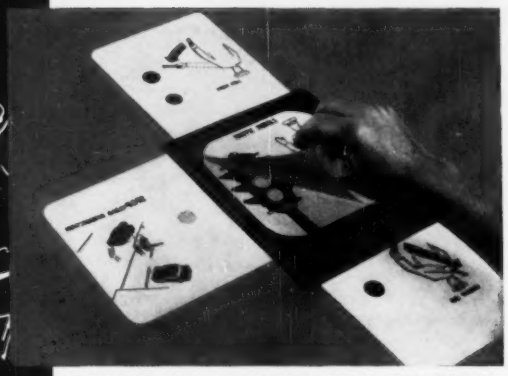
The last set of statistics we use is the list of employee accidents which contains mishaps to employes all over the system. Our school was listed on this sheet this past month. A teacher fell when she stepped up on a chair to adjust the television set. She is our safety sponsor, so, of course, in addition to a very painful arm she got much kidding and a few guilty feelings herself. Although she said it was her own fault, I think some of the blame is due to the fact an unsafe situation was present, since she could not stand on the floor and reach the knob—and television programs don't wait for people to get a safety ladder. The Board of Education was asked to lower the television set so that teachers could reach it.

Although we use statistics and accident reports to indicate the general direction of our safety education program, and to pinpoint specific work areas, there are, of course, many other facets to our program. For example, safety education is part of every science class, and every physical education class. Apparently we are getting across.

One of our patrol members came to me redfaced, saying he had slid down the bannister and knocked an eye loose. I called his mother who did not seem worried, inasmuch as he is the youngest of eight boys, and she has probably dealt with loose eyes before. She said to bring him home.

As I was leading him from the office to my car he gave his surroundings a quick inspection and — loose eye notwithstanding — discovered a hazard. With the air of one who gives his last gasp for his country, he said, "Miss Higgins, you have frayed cord!" It was the telephone cord and the telephone repair man thought I was pretty silly. But I feel that Tony will never let his electrical fixtures become so damaged as to cause a fire●

THE DRIVER SAFETY TRANSPARENCY SERIES



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'Trick or Treat' for UNICEF

BEFORE IT was just witches and warlocks . . . But ever since we became "modern" and stopped believing in ghosts—at least officially—Halloween threats of revenge by dark spirits have been replaced by the playful blackmail of "trick or treat."

Often the trick can be more exciting than the treat—since children don't really want that gumdrop or cookie anyway, and teenagers are bored with the whole Halloween routine.

One of the most constructive projects is a ten-year-old tradition called "Trick or Treat for UNICEF." Last Halloween, over two and a half million selfless little spooks collected $1,750,000 for the U.N. Children's Fund. (see cut)

In terms of aid, each dollar collected can represent enough vaccine to protect 100 children against tuberculosis, or a glass of milk for 17 children every day for a month. It can also mean 500 vitamin capsules for youngsters suffering from malnutrition, or the penicillin to cure 20 victims of yaws.

More information on the UNICEF trick or treat program may be obtained by writing: U. S. Committee for UNICEF, P. O. Box 1618, Church St. Station, New York 8, N. Y●

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WRITE FOR 1962 SAFETY PATROL CATALOG

SAMPLES PROMPTLY SUBMITTED UPON REQUEST

Conney Products Co.
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How Can Schools Help P

The question, "What can, and should, the elementary school do that will help to reduce this winter's terrible toll of home fires?"

The answers come from fire prevention specialists and elementary educators interested in the problem.

Wayne E. Swanson, Chief, Rockford, Ill. Fire Department.

CHILDREN at elementary school age are highly susceptible to suggestions given them through movies, talks, or even trips through a fire station. We have found that an audience of grade school children is exceedingly attentive, providing material is on the proper age level, interesting, and not too long.

Every teacher has a certain responsibility for teaching safety along with the "Three R's." Mention once a year during Fire Prevention Week is not enough. Only through repetition can we hope to alert the child and, subsequently, the parent, about home fire hazards. A child is candid enough to carry a fire prevention message home from school to his parents, and then insist that necessary steps be taken to eliminate certain common hazards.

The schools in our city cooperate closely with the Fire Prevention Bureau in setting up various programs throughout the school year. These cooperative programs include fire prevention poster contests, trips through the fire stations, movies, and talks by fire department personnel.

In Rockford, we have interested the visual aids department of the Board of Education in procuring movie and slide material to be shown in the schools. A fire inspector is in attendance to answer questions and give the material shown an added meaning. A child's interest in fire prevention may be kept alive through various other means, such as the displaying of a fire engine or ladder truck during a fire department supervised fire drill.

It is the duty of every principal to see that the teachers have provided fire prevention and life safety lessons in the coming year's program. Through the eyes and ears of the children, the amount of home fires and the life loss therefrom can be greatly reduced●

Helen Knowles, safety coordinator, Central Elementary School, Haines City, Fla.

SHOULD an elementary school be concerned with *home* fire safety inasmuch as fires are the chief cause of child deaths in home accidents?

As our objective is — as variously stated — "to educate the child to cope with his world," or "to become a worthy member of society," we should recognize (to be a little facetious) that he is coping with his world now, worthily or not, only if he is still alive.

We hear criticism about the school taking over responsibilities of the home. But let us be practical. In the average family, does the child

p Put Out Home Fires?

a forum in print

get systematic training in safety? The probability is that this instruction, if any, is given incidentally as situations arise. Sometimes this is too late.

Systematic, objective instruction, not only regarding fire hazards, but also poisons and safe practices, should be stressed in health and safety courses of the elementary school—the time that they are most needed—because, nationwide, these (burns, poisons, falls) are the greatest cause of death in the 1-14 age bracket.

What can an elementary school do? It is not enough to teach facts; safety consciousness must also be developed. Practical education must be a *practicing* education in the sense that desired habits are not developed by verbalization alone. We can more effectively teach health and safety by promoting participation and having that participation extend to the home.

In our school, some rooms make their own safety check lists and have each pupil check his own environment, classroom and home. The advantages of a 'class-made' list over one that is 'handed-down' to the student are many and obvious—it is *his* list, he understands it, he made it—although the ones compiled by safety experts are excellent for comparison and guidance.

Local fire departments, by all means, should be invited in. Prevention is a vital part of their job. Ours drives its biggest fire truck, full of sound and fury, right onto the playground. The chief then talks to the children about how they can prevent fires and report them.

Yes, we should, and can, reduce this winter's toll, and, in our endeavors, let us remember that safety consciousness is a good *idea*, but it is not a *fact*, until it is a *habit*●

Marshall E. Petersen, senior engineer and fire protection specialist, National Safety Council.

HAVE YOU ever thought or heard "Fire hit *my* home? Don't be ridiculous!"

Yet the possibility of a fire in your home isn't so absurd when you look at the record. Last year, over one-half million homes in the United States were destroyed or damaged by fire, and more than 6,000 persons lost their lives in home fires.

The National Fire Protection Association asserts that one of the most effective answers to this threat is good family habits about fire. The elementary schools can provide essential help and should exert maximum effort to support the NFPA in their program to reduce home fires.

School children are impressionable, and under the guidance of well prepared teachers can easily be taught the right way, "the safe way," in which to live. Fire protection as well as safety should be impressed upon their receptive minds.

Posters, home inspection charts, fact sheets on common fire hazards, poor housekeeping habits, care with matches, smoking, and flammables, and similar items are important at the elementary school level. The program materials available from NFPA are excellent training aids and will greatly assist in teaching the children and giving the vital fire safety message to their parents.

It is not only imperative that our children be taught how to live in a safe way, but as

parents, must instill this training by constantly setting a good example. The first step in creating good family habits about fire is the establishment of a training program at school and eventually extending it into the home●

Ruth Jewell, state music consultant, state department of public instruction, Raleigh, N. C.

IF THE elementary school regards its position as an "Iland, intire of itselfe," concerned only with filling the heads of its pupils, then there is little it can do about this year's home fire toll.

On the other hand, if it sees itself as one important agency in the community, all of which, to greater or less degree, influence the mental, physical, emotional and spiritual development of the child, there is much that can be done.

Roma Gans of Columbia University once said, "you can't have good schools in a bum community." This is well illustrated in home fire safety. It is pointless to try to teach good fire safety practices to children when adults are violating these practices. Attempt to reach parents directly, rather than through their sons and daughters. Parent meetings, bulletins, and, on occasion, letters from pupils can be helpful.

Be specific and selective in the information presented. High frequency home fire areas are fairly obvious. Less obvious is the type of home fire, but this information is necessary if success is to be achieved. Is it careless use of matches? faulty electric use? starting fires with kerosene? or some other act that is causing the majority of fires in your locality. Hit hard on the top causes, while not neglecting the others.

Cooperate in every way suitable with the fire prevention and safety agencies of the community. Pool your information with theirs, your resources with theirs. Call attention to needed fire prevention activities if no other agency is active; be ready to cooperate when called upon.

Elementary schools of the nation, never send to know for whom the fire siren sounds, it sounds for you!●

Phillip K. Alber, senior inspector, Fire Prevention Bureau, Lansing, Mich. Fire Department.

FOR many years, we have tried to impress upon adults the reasons for precautions against fires, and to explain to them why and how they should practice fire prevention — to save property, and more important, to save lives.

Whom have we reached? Service clubs, PTA groups, fraternal organizations, and concerned citizens. It has been a case of "saving the saved." We have preached to those who didn't need the message. We are not reaching those who live in most of the homes where the fatal fires might occur. This can only be accomplished by instituting a fire safety program properly explained and taught in our schools.

Mother had her own way of doing it, but nevertheless, it was fire prevention. In the modern age, many women are sharing breadwinning positions with their husbands. The many little things that mother used to teach, which seemed so insignificant, are now proving to be major items. Among these, fire prevention.

Therefore, the fundamentals which an individual must learn, and which are not being taught in the home, must be taught somewhere. The most logical place is in the schools where competent instructors are available.

Why in the elementary schools? Because fire respects no age, sex or physical make-up. The sooner a child can be reached the better.

Instructors can begin in kindergarten on a very limited basis, and continue progressively through the sixth grade.

I mentioned previously that the subject must "be properly explained" and the "competent instructors" are available in the schools. If time and work-load permits, fire departments may be able to get some sort of a message through to the public during "Fire Prevention Week." This is not enough. Fire prevention must be a weekly topic and messages must be given a higher priority more frequently.

Cooperation between those in the "protection" field and those in the "instruction" field, will assure us that these youngsters will *be* here to take a place *tomorrow*●

The Next Voice You Hear . . .

by Arthur W. Schlichenmaier

"IT'S a *wonderful* day . . . and you'll make it even more wonderful by avoiding an accident," advised the voice coming over the intercom.

What made the day "wonderful" was probably a combination of the Orlando, Florida sunshine, and the fact that it was School Election Day for the students at Robert E. Lee Jr. High. The admonition to "avoid accidents" was an important part of the school's active safety program.

Every morning of every school day, students broadcast a five-minute "on-the-spot" safety message over an intercom system which reaches every room in the school. "On-the-spot" means just what the term implies: special events of the school day ahead are tied in with the messages.

If it's an assembly day, for example, students are reminded to pass through halls and down stairs with extra care and caution as they go to the assembly program. If the previous day involved a fire drill, an honor awards program, or a bike safety survey, the five-minute talk covers that event in detail. On the day following an accident, the message will explain the cause of the mishap and show how such future accidents can be prevented.

Daily safety messages have covered all phases of school safety—on the school bus, in the classroom, to and from school—everything from crossing the street to clean-up campaigns.

It is the casual student-to-student tone in which they are delivered that gives the messages added impact. Although they are written by a faculty member in charge of safety education, they are always read over the intercom by an oratorically talented student. Moreover, because the messages are tied in with the activity of the particular day, students must listen carefully if they wish to participate in school events.

Since the safety message program has been initiated at Robert E. Lee, there has been noticeable improvement in general school safety and student deportment. In addition, safety training has been transferred from school to home—prompting the PTA to sell home fire extinguishers as a fund-raising project.

Most important, there has been a substantial decrease in school accide nts and injuries. Serious accidents have been reduced by about 75 per cent, minor accidents by 50 per cent.

"On-the-spot" messages have brought good results in Orlando. Schools without an intercom system might adopt the program by printing safety messages on the daily absence sheets, and having a student in each room read them aloud. Equally good results might be achieved in Ottawa or Oshkosh●

Arthur Schlichenmaier, teaches at Robert E. Lee Jr. High in Orlando, Fla.

Norman E. Borgerson $50 Award for safety education supervisors

The supervisor who writes the best article on a phase of safety education supervision will be awarded a $50 bond out of the Norman E. Borgerson Fund. The winning story will appear in the May, 1961 issue of *Safety Education*.

Competition is open to anyone who has responsibility for safety in his school or school district. Articles may discuss any aspect of the subject.

Judges' selection will be made on the basis of content, form, and contribution to the field. Manuscripts should not exceed 1,000 words and may be submitted any time before December 31, 1961 to: Editor, Safety Education, 425 N. Michigan Ave., Chicago.

Among his souvenirs of the visit, each student carried home a personalized addressograph plate.

Pleasure

National Safety Council plays host to a group of sixth-grade students.

WE COULD hardly refuse . . . not after so many years of safety education programs, not after all the efforts to promote safe biking, safe swimming, safe playing, and safe routes to school . . . So when the sixth grade class at Brook Park Elementary School in La Grange Park, Ill. asked to pay a visit to our Chicago office, like all well brought up organizations, we said we'd be "delighted" to have them.

We were painfully aware that a trip to almost anywhere else—the zoo, the airport, the park, even the local high school — probably would be far more interesting. Unfortunately, despite NSC activities, no one sets small wastebasket fires to check fire extinguishers, or tests bicycle braking distance in the aisles, or even gives safety shields the torture test. Not in the office anyway. Whether an NSC staff member is busy writing slogans, preparing reports, or compiling statistics, the equipment is the same —paper, pencil, desk—and the general impression: monotony.

Vivian Weedon, curriculum consultant in the School and College dept., and Walter Kenneth, the Council's assistant art director, (and father of one of the children in the class) prepared an ambitious itinerary which was calculated to be interesting, instructive, and as busy as possible. When the class arrived, armed with a list of provocative questions—"Do we have too many safety rules?"—best company manners, and that disconcerting air of sixth-grade aplomb, they were ready for them.

The morning began with a brief introduction to the Council, the areas in which it works, and the necessary explanation of the office fire and air raid drill signals. A visit to President Howard Pyle's office, where the children were presented with an NSC safety flag, started the tour. They paused to examine the Council's U. S. government charter, then went on to the art department for a demonstration of how a safety poster is made. Pointing out office safety devices along the way, (special extinguishers, fire doors, safety sockets) the children were led through the IBM department, Stockroom, Print Shop, photographer's dark room, and finally,

e of Their Company

to the Addressograph section, where they were surprised with personalized addressograph plates. All were flatteringly attentive as they made the rounds, one towheaded young man even took notes.

A lunch of hot dogs and hamburgers (ice cream optional) followed. Two safety movies finished the visit. In the discussion periods following the films, the students showed a real awareness of safety, and an eagerness to learn more about the safe way to do things. And everyone remembered to say "thank you" for the safety game gift he received as he departed.

More "thank yous" were received a few days later, when a bundle of carefully written notes came in the morning mail. All students said they enjoyed the trip and "learned a lot about safety." We especially like the one which begins "Dear National Safety Council . . . ," and as for the fellow who claims that he now knows how to "prevent safety," . . . we think he's on the right track anyway●

After greeting visitors, Council President Howard Pyle presented them with a small classroom flag.

Step by step process in making a safety poster — from first idea to final printing—is demonstrated by NSC assistant art director, Walter Kenneth, who holds up finished product for children to admire.

The Title Page

Books, pamphlets and films of interest to safety educators

By Lois Zearing
Director, NSC Library

Book Review

Physical Education for Today's Boys and Girls, by Gladys Andrews, Jeannette Saurborn, and Elsa Schneider. Boston: Allyn and Bacon. 1960. 431 pp.

This book came to my desk with the following note: "I have leafed through this book and can find no reference to safety. Do you think it should be reviewed?"

Therefore, I placed a marker in every page containing a reference to safety. There are 34. A few of these refer simply to the word "safety" but many include long and helpful suggestions. The maximum is probably on pages 66 and 67, which has 10 rules for using the horizontal ladder, each of which is a safety rule; two-thirds of the discussion of "swings" is devoted to safety; one of the seven sand box rules has to do with safety and about six other lines scattered throughout.

This feature of the book is excellent, particularly as it is, I believe, likely to be used as a reference book. The teacher, for example, whose children are to be introduced to the "climbing towers" will get specific information, including safety, in one spot in the book. Integrated with the directions for playing "Run for the Bus," "Dodge Ball" and "Bull Frog in the Pond," will be found the hazards to be guarded against. There are three or four games which might be considered safety games.

In most cases, the safety is given in sufficient detail to be helpful. One notable exception is the oft-repeated direction on stunts that "a spotter is essential." To this non-physical educator, it seems necessary to point out what the spotter should be spotting.

The book is excellent in its philosophical presentations, its application of philosophy, complete and detailed in its instructions and, when incidents relating to children are related, they have the ring of truth. It is attractively illustrated.

As much as this reviewer approves the integrated approach in this book, the authors did miss a powerful opportunity to be of service to physical education through a more complete, albeit still integrated, treatment of safety. We were unable to find mention of:

(1) The potential contribution of physical education to safe living in the development of coordination: ability to fall, control, etc.

(2) Specifics for selecting a safe play space

(3) Safety for the teacher—particularly important in light of the fact that physical education at the elementary school level is still largely in the hands of the classroom teacher

(4) Aid to the teacher in recording the facts of accidents, and in using the facts to adjust the curriculum or environment for accident prevention

(5) Resources which would be helpful to the teacher in making the physical education program safer: The fact that about 2/3 of all school jurisdiction accidents are in physical education or related activities, and that no improvement in this rate has been effected for many years, should, we think, make physical educators want to give much help in this phase of the program. As one reads the statistics, one wonders whether the contribution of physical education is to physical fitness or physical impairment.

(6) References to studies of accidents in the physical program at the elementary level

It is very much to be hoped that the excellent start the authors have made on the treatment of safety in this book will be greatly expanded in a future edition● V. W.

Guide to Traffic Safety Literature, vol. five, has just come off the press. Listing articles, pamphlets, and books printed during 1960, it brings together pertinent information on traffic safety. Published by the National Safety Council, 425 N. Michigan Ave., Chicago, Ill. Price: $1.

POSITIONS IN SAFETY EDUCATION

$7740-$11,400—N. Y. State Education Dept. Nationwide testing —*No Residence Requirement.* Assists in organization and improvement of safety education. Masters, specialization in safety education, with 3 years experience, or 2 years experience and additional year graduate study. Test November 18. Write Recruitment Unit, Department of Civil Service, Box 3V, State Campus, Albany 1, New York.

October 1961

lower elementary

safety lesson

Clean-Up-Time

It was Saturday morning.
Jim and June were eating breakfast.
Father said, "There is much to do today."
Everyone must help.

This is Jim.
He raked the leaves.
He put them in the trash burner.
Father lighted them.
Jim watched to see that no one came too near.

June helped Mother. First she emptied the
She put the ashes into a metal container. Do you know why?
She picked up all the

She put them high out of little Lori's reach.
Then she went outside to help Jim.

Father said, "I will clean the basement."
He took out all the rags and paper.
He moved everything away from the furnace.
He put all the paint cans in a metal cabinet.

Mother was busy in the attic.
She carried out paper boxes.
She carried out some papers.
She took out everything that would burn.
She took it out for Father to burn.

Published by the National Safety Council. Price $.28 each for 10 to 49 subscriptions; minimum order 10; lower prices for larger quantities; order by stock no. 461.01-1. Write the Council, 425 N. Michigan Ave., Chicago.

Prepared by James Mann, Associate Professor of Education, Roosevelt University, Chicago, Ill.; past general chairman, Elementary School Section, National Safety Council.

Helpers at School

Jim and June went to school.
They talked about preventing fires.
The children asked, "What can we do?"
There were many suggestions.
Here are some of them.

Helping During Fire Drills

Walk _____ during a fire drill.
Be _____ during a fire drill.
Listen for _____.
Keep in a straight _____.
_____ for the signal to come back.

Use These Words

Wait
directions
line
quiet
quickly

How To Report a Fire

If you smell smoke, tell an adult.
Know where the fire alarm is.
Know where the *EXITS* are.
Know how to call the fire department.

This is an EXIT sign.

EXIT

What does it mean?

Write the number of the fire department here.

Hallowe'en Helpers

Hallowe'en time can be dangerous.
We should be very careful.
Here are some things to remember.

Candles

Don't use a candle in your jack-o'lantern.
Use a flashlight.
It is safer.

Masks

Don't cover your face with a mask.
You cannot see well through a mask.
Use make-up instead.
Then you won't get hurt.

October 1961

upper elementary

safety lesson

A Saturday Morning Conference

The Lind family was eating breakfast.
It was Saturday morning.
Father said, "This is Fire Prevention Week.
What should we do about it?"
Jim said, "I think we should have a home check-up."
"Like the one the firemen brought to school?" said June.
"Good idea," said Father.
June said, "I think we should have fire safety rules for home."
"Right," said Father. "We'll make some later."
Mother suggested, "We ought to know what to do if there is a fire."
"We should know just how to get safely out of the house."
"We could have a fire drill," said Jim and June together.

So they planned a busy Saturday.
First they looked at Jim's check sheet.
It was called a *Home Fire Safety Check Sheet.*
Each question was to be answered *Yes* or *No.*
Yes meant safe; *No* meant unsafe.

Here is a check sheet; How would you answer the questions for your home?

	Yes	No
Are trash and rubbish burned outdoors in a metal container?	____	____
Is an adult present when leaves, trash, etc. are being burned outdoors?	____	____
If you keep paints in the basement or garage, are they in a tightly closed can or pail?	____	____
Do you keep your basement and attic clear of papers, rubbish, oily rags, broken furniture, etc.?	____	____
Are all fireplaces covered with metal fire screens?	____	____
Do you have an outlet (plug) for each electric appliance?	____	____
If you have fuse boxes, do you use 15 ampere (no larger) fuses in them?	____	____
Are matches kept in a metal container out of reach of the younger children?	____	____
Does everyone know that the fire department should be called from a neighbor's home?	____	____
Does everyone know the telephone number of the fire department?	____	____
Do you know a safe route for leaving each part of house in case of fire?	____	____
Do you have a home fire extinguisher?	____	____

What safety rule does each of these questions suggest?
Perhaps you would like to take the check sheet home and talk about the answers with your parents.

Published by the National Safety Council. Price $.28 each for 10 to 49 subscriptions; minimum order 10; lower prices for larger quantities; order by stock no. 461.01-2. Write the Council, 425 N. Michigan Ave., Chicago.

Prepared by James Mann, Associate Professor of Education, Roosevelt University, Chicago, Ill.; past general chairman, Elementary School Section, National Safety Council.

What Makes Fire?

Here is a diagram of what makes an ordinary fire.
On each side is something necessary to make fire.
These are called "elements."
If any one element is *not* present, there can be no fire.
If we understand what makes fire, we can learn how to prevent it.

The *oxygen* in air is necessary for a fire to start, and to keep it burning.

Heat enough to start a fire may be caused by:

a cigarette
a lighted match
an electric spark
a burning candle
an electric appliance

Combustible material is anything that will burn. Here are some examples: paper, wood, rags, gasoline, grease.

To Prevent Fire:

Keep the three elements from coming together.
Fill in the element represented below.

	Element
For example: Keep paper, trash, etc. cleared away	combustible material
Keep paint cans tightly sealed	_____
Be careful where you light matches	
Replace frayed cords of electric appliances	_____
Keep candles away from curtains, etc.	

To Put Out Fire:

Remove one of the elements.
Fill in the element represented below.

	Element
For example: Smother with a blanket	air
Pour water on a blaze	_____
Put baking soda on grease fire	_____

Can you think of other ways to keep the elements from coming together?
Can you think of other ways of keeping fire from spreading?

October 1961

junior high school

safety lesson

"Litter-ly A Fire Trap"

October and Fire

In the visual aid supplement above, poor housekeeping habits have caused a definite fire hazard. An accumulation of litter is dangerous because it can easily be ignited by a carelessly thrown cigarette butt, a smoldering match, or, if a petroleum product is present, by spontaneous ignition. The best solution to this fire hazard problem is to follow good housekeeping habits by disposing carefully of "junk" material and by keeping other materials stored neatly in safe places.

October is known as the "fire month" because so many fires occur at that time. Furnaces, space heaters, fireplaces, and other heating apparatus—not used for a long time—are suddenly put into full operation without being properly cleaned and adjusted. The result is that many a home fire is caused by a defective heater.

Because of the cold weather, auxiliary electric heaters are often put into use. In many cases, the added load on the electrical system causes a fuse to blow. In houses where the correct size fuse is used, the only damage is a blown fuse. In other houses, where oversize fuses or pennies are used, the overload can cause a short circuit which, in turn, can cause a house fire.

October is the time for raking leaves. Usually, fall is the dry time of the year and the grass and leaves have low ignition points. Careless burning of leaves and grass has caused many a home or woods fire.

While fire safety rules should be followed *all year*, special attention must be paid to fire hazards this month.

Test Your Knowledge

Fires can be caused in many ways. Also, fires can be *prevented* in many ways. In order to test your elementary knowledge of fire prevention, take the following test.

Match the safety rules in the left column with the reasons for the rules in the right column.

1. Don't use naphtha or gasoline for home dry cleaning.	A. Gnawing mice and rats can cause fire.
2. Oil electric appliances frequently.	B. Spontaneous ignition may take place.
3. Stand to one side rather than in front of an oven when lighting it.	C. Insulation may wear off.
4. All wire fences should have a ground wire.	D. Static electricity could cause the fumes to explode.
5. Electric cords should not be supported with nails.	E. Friction often causes fire.
6. Don't store oily rags in a closed closet.	F. A sudden flashback may occur.
7. Don't leave kitchen matches lying around.	G. Lightning should be confined to a limited area.

Answers: 1-D, 2-E, 3-F, 4-G, 5-C, 6-B, 7-A.

Published by the National Safety Council. Price $.28 each for 10 to 49 subscriptions; minimum order 10; lower prices for larger quantities; order by stock no. 461.01-3. Write the Council, 425 N. Michigan Ave., Chicago.

Prepared by Vincent McGuire, professor, Secondary Education, Department of Education, University of Florida, Gainesville, Florida.

Rural Fire Protection

People living in the country must be extra careful to prevent fires because of the lack of nearby fire fighting facilities. Listed below are statements concerning safety rules on the farm. Fill in each blank with the correct word or phrase.

1. Lightning rods on houses and barns should be grounded to a depth of from ____ to ____ feet.

2. All lightning rods should be inspected for _____ at least once a year, especially where they enter the ground.

3. For the best protection, lightning rods should carry the label of _____ _____.

4. The house should be located at least from ____ to ____ feet from hay barns.

5. Roofs should be made of non-flammable material, such as _____.

6. An emergency water supply of more than ____ gallons should be available at all times.

7. Large storage tanks of flammable liquids should be at least ____ feet from any building.

8. Before additional electric installations are made, careful analysis must be made of the _____ of the existing wiring.

9. In order to lessen the danger of farm buildings catching fire, the brush and grass around them should be closely mowed, or a broad strip should be _____ around the buildings.

10. If furnaces or stoves cannot be placed far enough away from a wooden wall, _____ or _____ should be used to cover the wall. When installing the foregoing, a passage for _____ should be left between the wall and the covering.

Answers: 1-eight to ten; 2-corrosion; 3-Underwriter's Laboratories, Inc.; 4-100 to 150; 5-tile, asbestos, or slate; 6-3000; 7-75; 8-capacity; 9-plowed; 10-metal, asbestos—air.

Can You Make It Clear?

Often, we *think* we know something when actually we have only a very hazy notion. This kind of situation is bad enough by itself, but couple with it tremendous emotional disturbance and a *need to know* immediately—and *you've* got a problem!

In order to see if you would know what to do in a fire emergency, select one of the following situations and write a clear description of what should be done by you or by your fellow students.

A. You are seated in the auditorium watching a morning assembly program for the student body. Suddenly you smell smoke and, glancing toward the rear doors of the auditorium, you see smoke seeping in under the door.

B. You are visiting a friend and have been assigned to the guest room for the night. In the middle of the night you are awakened by an uncomfortable feeling of excessive heat. You go to the closed bedroom door and discover as you put your hand on it that it is extremely hot.

C. While hiking through the woods, you discover a brush fire. You follow it for some distance until you see it end about 75 feet from a house. The field between the house and the approaching fire is covered with dry brown grass.

D. You are baby sitting for some friends. At about 8:00 p.m., you discover a fire in the kitchen of the house.

Let The Class Decide

Often, what a writer writes is clear to him—but not to his reader. In order to test your ability in written communication, have each student read his paper to the class.

Discuss and evaluate the papers on two major factors: (1) correctness of safety procedure and (2) clearness of writing.

From *all* the papers, prepare a set of safety rules for each of the situations described above.

senior high school

safety lesson

"Litter-ly A Fire Trap"

Fire I. Q.

In the visual aid supplement above, the people responsible for allowing such a situation to develop must have a low Fire I. Q. The accumulation of rubbish is one of the surest ways to provide a fire hazard. It doesn't take much carelessness to start a fire. It doesn't take much energy to start a fire. It does, however, take a great deal of energy and costly equipment to put out a raging blaze. The best answer, then, is to *prevent* fires.

The best way to prevent fires is to *think* safety. Test your "Fire I. Q." by filling in the reasons for the following safety measures.

1. If you have blown fuses at *frequent* intervals in your house, check for causes other than faulty fuses because_____

2. In your industrial arts work at school, always sweep up sawdust and waste materials and keep vegetable oils away from sawdust because_____

3. Wood has an ignition temperature of 500 to 800 degrees F., but if exposed to heat radiation for a long time, it will become a fire hazard because_____

4. Cleaning out the fireplace and having a fire screen available will not complete the safety picture for using the fireplace; you should also _____

5. Do not empty the vacuum cleaner bag into a fire because_____

6. Your school fire drill plan should provide for at least two exits because_____

7. When filling a tank with gasoline, always use a funnel or flexible spout to prevent spilling. This action also lessens another danger because_____

8. Electric motors and controls should be independently ventilated and should be housed in dust-free compartments because_____

Answers: 1—your wires may be carrying an overload; 2—sawdust mixed with vegetable oil can burn by spontaneous ignition; 3—it is transferred into pyrophoric carbon with an ignition temperature of about 300° F; 4—check the chimney for obstructions and the roof for flammable materials; 5—dust particles and fire cause an explosion; 6—one may be blocked by fire; 7—it will cut down on the amount of vapor released; 8—a spark can cause dust to explode.

Activities

1. Get two small pieces of ¼ inch doweling. Hold one over a flame and see how long it takes to ignite. Place the other piece in a test tube and heat the tube until gases are emitted. Try to burn the gases. Note the change in the wood structure. Hold the wood that was in the test tube over a flame and see how long it takes to ignite. Compare the difference in ignition time for the two pieces of wood.

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As a result of this experiment, what practical fire prevention rule can you develop for your home?

2. Ask your local hardware dealer for samples of flameproof building materials.
   a. List the cost of the material.
   b. Check your home for areas that need to be covered with flameproof material for fire prevention.
   c. Figure the cost for making your home safe.

3. Bring to class an electric appliance with faulty wiring. Demonstrate the proper way to correct the wiring—either by repair or replacement. If the appliance can't be made safe, show why.

Put Your Knowledge to Work

Listed below are descriptions of situations that often occur in the places indicated. Tell what safety rule is being violated in each instance and why. Use library reference books to check your answers.

In The Home

1. The use of cloth potholders with frayed edges

2. Placing a house heater directly on an asbestos or metal base

3. Allowing papers and boxes to accumulate in the attic

4. Placing oily rags and mops in a closed closet

5. Emptying ash trays into cardboard boxes or wastebaskets

Outdoors

1. Burning trash near a vacant lot that has a lot of brush

2. Burning trash in a metal barrel with no cover

3. Leaving a "burned out" pile of leaves and going to bed

4. Building a camp fire three feet in front of your tent

5. Using kerosene or gasoline to start a rubbish fire

At School

1. Not knowing where fire extinguishers are located

2. "Sneaking a smoke" in unauthorized places

3. Lighting a pep rally bonfire without having fire extinguishers handy

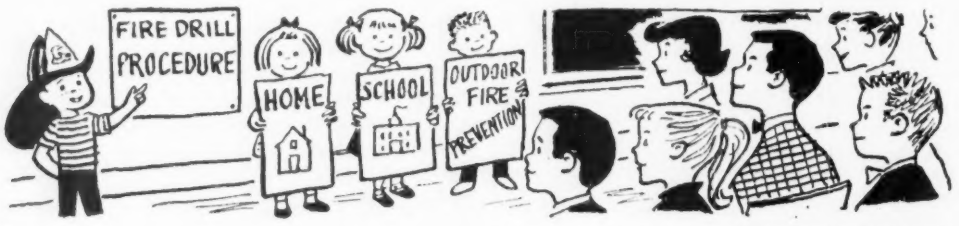
4. Placing paper and cardboard boxes near a room heater

5. "Horsing around" with bunsen burners in the science laboratory

Follow Through

Prevent fire by developing an awareness of the fire hazards in your community. Plan a campaign to make others aware of safety rules to prevent fire. Use some of the following to help the lower grades in your school.

1. Prepare and give interesting talks on fire prevention to the lower grades.
2. Give a verbal quiz on fire safety rules to the lower grades.
3. Present a short skit demonstrating fire prevention for the elementary and high school assembly programs.
4. Invite the lower grades to come to your class and do any of the above.



Preview of SE for November

- Hawaiian style—safety education with an island flavor, where "brown barefeet" Junior Police direct school traffic, and they don't worry about snow safety.

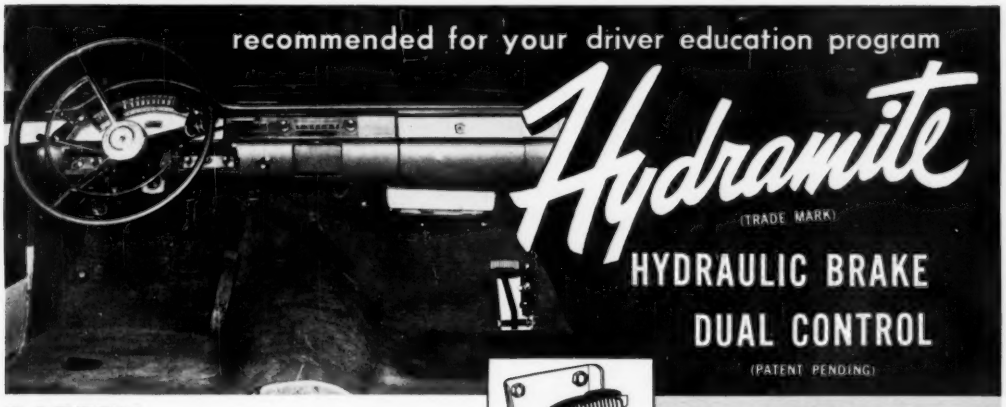
- Picture story—showing proper dress and behavior for school bus patrols, and student patrols at school crossings.

- If not the "Scare Technique"—what then? Our author proposes another approach to teaching safety.

- Data sheet—"Chemicals," listing the main hazards, and safety precautions for high school labs, home chemistry sets, and household chemicals.

- Special for supervisors — a new school safety inspection technique, developed in Stockton, Calif., where everybody gets into the act.

- Forum-in-print on a question that is making headlines — "Can students be prohibited from bringing potentially dangerous objects to school with them?"



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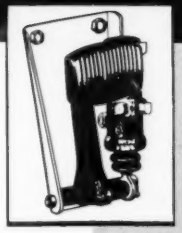

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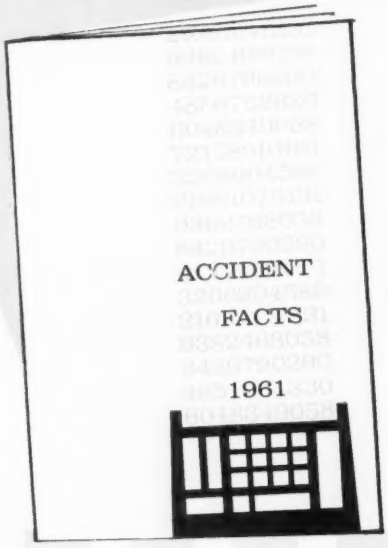

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